

November 10, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - KMG - Berry Farms 30 31 32-8HZ O Project Number - [none]  
SA**

Attached are your analytical results for KMG - Berry Farms 30 31 32-8HZ O SA received by Origins Laboratory, Inc. October 31, 2022. This project is associated with Origins project number Y210756-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PW-BG01@3"	Y210756-01	Soil	October 31, 2022 8:20	10/31/2022 15:25
PW-BG02@3"	Y210756-02	Soil	October 31, 2022 8:23	10/31/2022 15:25
PW-BG03@3"	Y210756-03	Soil	October 31, 2022 8:26	10/31/2022 15:25
PW-BG04@3"	Y210756-04	Soil	October 31, 2022 8:29	10/31/2022 15:25
SEP-B01@3"	Y210756-05	Soil	October 31, 2022 8:40	10/31/2022 15:25
SEP-B02@3"	Y210756-06	Soil	October 31, 2022 8:42	10/31/2022 15:25
SEP-B03@3"	Y210756-07	Soil	October 31, 2022 8:44	10/31/2022 15:25
SEP-B04@3"	Y210756-08	Soil	October 31, 2022 8:46	10/31/2022 15:25
SEP-B05@3"	Y210756-09	Soil	October 31, 2022 8:48	10/31/2022 15:25
SEP-B06@3"	Y210756-10	Soil	October 31, 2022 8:50	10/31/2022 15:25
SEP-B07@3"	Y210756-11	Soil	October 31, 2022 8:52	10/31/2022 15:25
SEP-B08@3"	Y210756-12	Soil	October 31, 2022 8:54	10/31/2022 15:25
SEP-B09@3"	Y210756-13	Soil	October 31, 2022 8:56	10/31/2022 15:25
SEP-B10@3"	Y210756-14	Soil	October 31, 2022 8:58	10/31/2022 15:25

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SEP-B11@3"	Y210756-15	Soil	October 31, 2022 9:04	10/31/2022 15:25
SEP-B12@3"	Y210756-16	Soil	October 31, 2022 9:06	10/31/2022 15:25
SEP-B13@3"	Y210756-17	Soil	October 31, 2022 9:08	10/31/2022 15:25
SEP-B14@3"	Y210756-18	Soil	October 31, 2022 9:10	10/31/2022 15:25
SEP-B15@3"	Y210756-19	Soil	October 31, 2022 9:20	10/31/2022 15:25
SEP-B16@3"	Y210756-20	Soil	October 31, 2022 9:22	10/31/2022 15:25
AST-B01@3"	Y210756-21	Soil	October 31, 2022 14:30	10/31/2022 15:25

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Dan Coloccia  
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 Project: KMG - Berry Farms 30 31 32-8HZ O SA

www.originslaboratory.com

page 1 of 3



Initial  
 4210750

Client: Eagle Environmental (NY)  
 Address: 8000 W 44th Ave  
Wheat Ridge, CO 80033  
 Telephone Number: 303-433-6474  
 Email Address: d.coloccia@eagle-env.com

Project Manager: D. Coloccia  
 Project Name: Berry Farms 30 31 32-8HZ O SA  
 Project Number:                       
 Samples Collected By: MJD

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis				Sample Instructions			
				Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air/Serum #	Other	ISTEX/N	TPH	ELPH		SAE	Bores	
PW-0601031	10/31/22	09:24	2	X												1	Metals added to	
PW-0602031		09:25															2	all BG samples +
PW-0603031		09:26															3	Full 915 added to
PW-0604031		09:29															4	Sep-005 @ 3" per
SFP-0610031		09:40															5	the email from
SFP-0620031		09:42															6	Brandon on 11/8/22
SFP-0630031		09:44															7	
SFP-0640031		09:46															8	
SFP-0650031		09:49															9	
SFP-0660031		09:50															10	
Relinquished By:		Date:	Time:	Received By:	Time:	Date:	Time:	Turnaround Time:										
MAT Bella	10/31/22	16:25		YJ	16:25	10/31/22	15:25	Same Day <input checked="" type="checkbox"/> 24 Hr <input type="checkbox"/>										
Relinquished By:		Date:	Time:	Received By:	Time:	Date:	Time:	48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/>										
								Standard <input type="checkbox"/>										

Temp Received: 1.5 Date Results Needed:

Origins Laboratory, Inc.

*Jen Pellegrini*

Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

Origins Laboratory

F-012207-01-R1  
 Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: 4210756

Client: To Eagle Environmental  
 Client Project ID: Berry Farms

Checklist Completed by: JSH/DE

Shipped Via: HD  
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 10/21/22

Airbill #: N/A

Matrix(s) Received: (check all that apply):  Soil/Solid  Water  Other: \_\_\_\_\_

Cooler Number/Temperature: 1 / 15 °c / \_\_\_\_\_ °c / \_\_\_\_\_ °c (Describe) \_\_\_\_\_ °c

Thermometer ID: TCCH

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	X			
Is there ice present (document if blue ice is used)	X			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)			X	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)			X	
Were all samples received intact <sup>(1)</sup> ?	X			
Was adequate sample volume provided <sup>(1)</sup> ?	X			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		X		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	X			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	X			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	X			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	X			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			X	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)(pH < 2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / ( pH > 10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			X	
Additional Comments (if any):				

<sup>(1)</sup>If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager)

Date/Time Reviewed

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG01@3"**

**10/31/2022 8:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.672		0.101	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**Metals by Saturated Paste by EPA 6010**

Calcium	7.82		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	2.90		0.823	"	"	"	"	"	
Sodium	1.29		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.00			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.558			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.949		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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**Table 915 metals by EPA 6020B**

Arsenic	2.51		0.0977	mg/kg	10	B2K0402	11/04/2022	11/07/2022	
Barium	85.5		9.77	"	"	"	"	"	
Cadmium	0.127		0.0977	"	"	"	"	"	
Copper	ND		9.77	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG01@3"**

**10/31/2022 8:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-01 (Soil)**

**Table 915 metals by EPA 6020B**

Lead	ND		9.77	mg/kg	10	B2K0402	11/04/2022	11/07/2022	U
Nickel	ND		9.77	"	"	"	"	"	U
Selenium	<b>0.177</b>		0.0977	"	"	"	"	"	
Silver	ND		0.0977	"	"	"	"	"	U
Zinc	ND		97.7	"	"	"	"	"	U

**Total Metals by 7196A**

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L647718	10/31/2022	11/08/2022	
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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG02@3"**

**10/31/2022 8:23:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-02 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	1.11		0.0990	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**Metals by Saturated Paste by EPA 6010**

Calcium	18.0		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	10.2		0.823	"	"	"	"	"	
Sodium	6.98		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.01			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	1.86			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	2.35		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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**Table 915 metals by EPA 6020B**

Arsenic	3.02		0.0962	mg/kg	10	B2K0402	11/04/2022	11/07/2022	
Barium	84.6		9.62	"	"	"	"	"	
Cadmium	ND		0.0962	"	"	"	"	"	U
Copper	ND		9.62	"	"	"	"	"	U

Origins Laboratory, Inc.



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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG02@3"**

**10/31/2022 8:23:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-02 (Soil)**

**Table 915 metals by EPA 6020B**

Lead	ND		9.62	mg/kg	10	B2K0402	11/04/2022	11/07/2022	U
Nickel	ND		9.62	"	"	"	"	"	U
Selenium	<b>0.177</b>		0.0962	"	"	"	"	"	
Silver	ND		0.0962	"	"	"	"	"	U
Zinc	ND		96.2	"	"	"	"	"	U

**Total Metals by 7196A**

Chromium, Hexavalent	ND	0.245	0.504	mg/Kg	1	L647718	10/31/2022	11/08/2022	
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 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG03@3"**

**10/31/2022 8:26:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-03 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	1.13		0.0993	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**Metals by Saturated Paste by EPA 6010**

Calcium	25.3		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	11.9		0.823	"	"	"	"	"	
Sodium	11.3		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.02			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	2.62			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	3.02		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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**Table 915 metals by EPA 6020B**

Arsenic	2.66		0.0925	mg/kg	10	B2K0402	11/04/2022	11/07/2022	
Barium	99.1		9.25	"	"	"	"	"	
Cadmium	ND		0.0925	"	"	"	"	"	U
Copper	ND		9.25	"	"	"	"	"	U

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 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG03@3"**

**10/31/2022 8:26:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-03 (Soil)**

**Table 915 metals by EPA 6020B**

Lead	ND		9.25	mg/kg	10	B2K0402	11/04/2022	11/07/2022	U
Nickel	ND		9.25	"	"	"	"	"	U
Selenium	<b>0.137</b>		0.0925	"	"	"	"	"	
Silver	ND		0.0925	"	"	"	"	"	U
Zinc	ND		92.5	"	"	"	"	"	U

**Total Metals by 7196A**

Chromium, Hexavalent	ND	0.246	0.505	mg/Kg	1	L647718	10/31/2022	11/08/2022	
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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG04@3"**

**10/31/2022 8:29:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-04 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.150		0.101	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**Metals by Saturated Paste by EPA 6010**

Calcium	1.89		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.27			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.183			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.228		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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**Table 915 metals by EPA 6020B**

Arsenic	3.36		0.0952	mg/kg	10	B2K0402	11/04/2022	11/07/2022	
Barium	52.6		9.52	"	"	"	"	"	
Cadmium	ND		0.0952	"	"	"	"	"	U

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG04@3"**

**10/31/2022 8:29:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-04 (Soil)**

**Table 915 metals by EPA 6020B**

Copper	ND		9.52	mg/kg	10	B2K0402	11/04/2022	11/07/2022	U
Lead	ND		9.52	"	"	"	"	"	U
Nickel	ND		9.52	"	"	"	"	"	U
Selenium	<b>0.126</b>		0.0952	"	"	"	"	"	
Silver	ND		0.0952	"	"	"	"	"	U
Zinc	ND		95.2	"	"	"	"	"	U

**Total Metals by 7196 A**

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L647719	10/31/2022	11/08/2022	
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Dan Coloccia  
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 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B01@3"**  
**10/31/2022 8:40:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-05 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND		0.0994	mg/L	1	B2K0108	11/01/2022	11/02/2022	U
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: *o*-Terphenyl 93.4 % 50-150 " " "

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B01@3"**

**10/31/2022 8:40:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-05 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	106 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	101 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	104 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	0.606		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.21			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.117			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.0927		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B02@3"**

**10/31/2022 8:42:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-06 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.244		0.0993	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	96.6 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	0.00332		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B02@3"**

**10/31/2022 8:42:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-06 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	104 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	101 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	101 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.24		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.734		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.35			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.807			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.226		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B03@3"**

**10/31/2022 8:44:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-07 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.121		0.100	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	97.2 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B03@3"**

**10/31/2022 8:44:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-07 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	99.6 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	103 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	96.0 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.10		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.42			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.400			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.147		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B04@3"**

**10/31/2022 8:46:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-08 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.164		0.101	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	87.2 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B04@3"**

**10/31/2022 8:46:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-08 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	113 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	106 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	86.4 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	0.830		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	38.5		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.69			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	52.8			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	3.75		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B05@3"**

**10/31/2022 8:48:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-09 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND		0.101	mg/L	1	B2K0108	11/01/2022	11/02/2022	U
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: <i>o</i> -Terphenyl	92.9 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	<b>0.00870</b>		0.00380	"	"	"	"	"	
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B05@3"**

**10/31/2022 8:48:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-09 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	97.9 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	107 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	92.8 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	<b>2.65</b>		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	<b>0.982</b>		0.823	"	"	"	"	"	
Sodium	<b>0.446</b>		0.435	"	"	"	"	"	

**PAH by 8270D SIM**

1-Methylnaphthalene	<b>0.00282</b>	<b>0.00109</b>	0.00201	mg/Kg	1	L647321	11/07/2022	11/08/2022	
2-Methylnaphthalene	<b>0.00575</b>	<b>0.00194</b>	0.00201	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	

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Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B05@3"**

**10/31/2022 8:48:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Waypoint Analytical, LLC.**  
**Y210756-09 (Soil)**

**PAH by 8270D SIM**

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L647321	11/07/2022	11/08/2022	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	
Naphthalene	<b>0.00232</b>	<b>0.00145</b>	0.00201	"	"	"	"	"	
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	53.4 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	62 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	49.4 %		29-110			"	"	"	

**pH in Soil by 9045D**

pH	<b>8.14</b>			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	<b>0.331</b>			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	<b>0.379</b>		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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**Table 915 metals by EPA 6020B**

Arsenic	<b>1.90</b>		0.0959	mg/kg	10	B2K0402	11/04/2022	11/07/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B05@3"

10/31/2022 8:48:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y210756-09 (Soil)

**Table 915 metals by EPA 6020B**

Barium	55.0		9.59	mg/kg	10	B2K0402	11/04/2022	11/07/2022	
Cadmium	ND		0.0959	"	"	"	"	"	U
Copper	ND		9.59	"	"	"	"	"	U
Lead	ND		9.59	"	"	"	"	"	U
Nickel	ND		9.59	"	"	"	"	"	U
Selenium	0.190		0.0959	"	"	"	"	"	
Silver	ND		0.0959	"	"	"	"	"	U
Zinc	ND		95.9	"	"	"	"	"	U

**Total Metals by 7196 A**

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L647719	10/31/2022	11/08/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B06@3"**  
**10/31/2022 8:50:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-10 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.194		0.101	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	95.4 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B06@3"**

**10/31/2022 8:50:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-10 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	99.1 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	101 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	97.2 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.31		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.520		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.23			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.561			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.215		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B07@3"  
 10/31/2022 8:52:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y210756-11 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.146		0.0996	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	94.4 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B07@3"**

**10/31/2022 8:52:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-11 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	123 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	109 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	74.6 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	2.69		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.11			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.284			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.374		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B08@3"**  
**10/31/2022 8:54:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-12 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.195		0.100	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	99.5 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B08@3"**

**10/31/2022 8:54:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-12 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	123 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	112 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	78.8 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.73		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.22			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.338			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.257		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B09@3"**

**10/31/2022 8:56:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-13 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.109		0.100	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	98.4 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B09@3"**

**10/31/2022 8:56:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-13 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	104 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	99.1 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	96.2 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.64		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.14			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.106			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.220		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B10@3"**  
**10/31/2022 8:58:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-14 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.178		0.0996	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	94.8 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B10@3"**

**10/31/2022 8:58:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-14 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	169 %		70-130			B2J31 26	10/31/2022	11/01/2022	GC
Surrogate: Toluene-d8	87.7 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	2.42		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.21			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.336			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.329		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B11@3"  
 10/31/2022 9:04:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y210756-15 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.149		0.101	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	89.5 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B11@3"

10/31/2022 9:04:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y210756-15 (Soil)

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	105 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	101 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	96.4 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.70		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.19			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.262			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.247		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B12@3"  
 10/31/2022 9:06:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y210756-16 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.716		0.0993	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	85.8 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B12@3"**

**10/31/2022 9:06:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-16 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	99.6 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	100 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	96.9 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	14.5		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	8.46		0.823	"	"	"	"	"	
Sodium	10.2		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.00			pH Units	1	B2K0115	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	3.02			SAR	1	B2K0112	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	2.28		0.00500	mmhos/cm	1	B2K0115	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B13@3"**

**10/31/2022 9:08:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-17 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND		0.100	mg/L	1	B2K0108	11/01/2022	11/02/2022	U
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: <i>o</i> -Terphenyl	88.3 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B13@3"**

**10/31/2022 9:08:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-17 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	100 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	102 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	94.7 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.75		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.17			pH Units	1	B2K0115	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.236			SAR	1	B2K0112	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.248		0.00500	mmhos/cm	1	B2K0115	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B14@3"**  
**10/31/2022 9:10:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-18 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.136		0.0995	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	88.1 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B14@3"**

**10/31/2022 9:10:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-18 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	99.4 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	102 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	96.6 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	2.28		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	0.864		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.08			pH Units	1	B2K0115	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.253			SAR	1	B2K0112	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.319		0.00500	mmhos/cm	1	B2K0115	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B15@3"  
 10/31/2022 9:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y210756-19 (Soil)

**Boron (DTPA Sorbitol)**

Boron	2.35		0.101	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	90.2 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B15@3"**

**10/31/2022 9:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-19 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	102 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	104 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	93.5 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	0.921		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	0.962		0.823	"	"	"	"	"	
Sodium	1.98		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.57			pH Units	1	B2K0115	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	2.05			SAR	1	B2K0112	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.345		0.00500	mmhos/cm	1	B2K0115	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B16@3"**  
**10/31/2022 9:22:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-20 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.358		0.0990	mg/L	1	B2K0109	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	91.6 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B16@3"**

**10/31/2022 9:22:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-20 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	101 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	99.1 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	96.5 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	3.65		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	0.986		0.823	"	"	"	"	"	
Sodium	0.585		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.10			pH Units	1	B2K0115	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.384			SAR	1	B2K0112	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.472		0.00500	mmhos/cm	1	B2K0115	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**AST-B01@3"**

**10/31/2022 2:30:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-21 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.159		0.0983	mg/L	1	B2K0109	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	94.6 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**AST-B01@3"**

**10/31/2022 2:30:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-21 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	106 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	99.2 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	96.3 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	ND		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	12.4		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	9.88			pH Units	1	B2K0115	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	29.0			SAR	1	B2K0112	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.882		0.00500	mmhos/cm	1	B2K0115	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2J3126 - EPA 5030 (soil)**

**Blank (B2J3126-BLK1)**

Prepared: 10/31/2022 Analyzed: 10/31/2022

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125	83.5		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	100		70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	100		70-130			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2J3126 - EPA 5030 (soil)

**LCS (B2J3126-BS1)**

Prepared: 10/31/2022 Analyzed: 10/31/2022

1,2,4-Trimethylbenzene	0.107	0.00200	mg/kg	0.100		107	70-130			
1,3,5-Trimethylbenzene	0.109	0.00200	"	0.100		109	70-130			
Benzene	0.105	0.00200	"	0.100		105	70-130			
Ethylbenzene	0.105	0.00200	"	0.100		105	70-130			
Naphthalene	0.0938	0.00380	"	0.100		93.8	70-130			
Toluene	0.103	0.00200	"	0.100		103	70-130			
o-Xylene	0.0950	0.00200	"	0.100		95.0	70-130			
m,p-Xylene	0.212	0.00400	"	0.200		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		83.4	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.0	70-130			

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2J3126 - EPA 5030 (soil)

Matrix Spike (B2J3126-MS1)	Source: Y210747-01			Prepared: 10/31/2022 Analyzed: 10/31/2022						
1,2,4-Trimethylbenzene	0.101	0.00200	mg/kg	0.100	ND	101	70-130			
1,3,5-Trimethylbenzene	0.102	0.00200	"	0.100	ND	102	70-130			
Benzene	0.0993	0.00200	"	0.100	ND	99.3	70-130			
Ethylbenzene	0.0979	0.00200	"	0.100	ND	97.9	70-130			
Naphthalene	0.0955	0.00380	"	0.100	ND	95.5	70-130			
Toluene	0.0974	0.00200	"	0.100	ND	97.4	70-130			
o-Xylene	0.0972	0.00200	"	0.100	ND	97.2	70-130			
m,p-Xylene	0.196	0.00400	"	0.200	ND	98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		81.4	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.3	70-130			

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 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2J3126 - EPA 5030 (soil)

Matrix Spike Dup (B2J3126-MSD1)	Source: Y210747-01			Prepared: 10/31/2022 Analyzed: 10/31/2022						
1,2,4-Trimethylbenzene	0.0942	0.00200	mg/kg	0.100	ND	94.2	70-130	7.04	20	
1,3,5-Trimethylbenzene	0.0949	0.00200	"	0.100	ND	94.9	70-130	7.54	20	
Benzene	0.0951	0.00200	"	0.100	ND	95.1	70-130	4.40	20	
Ethylbenzene	0.0920	0.00200	"	0.100	ND	92.0	70-130	6.23	20	
Naphthalene	0.0947	0.00380	"	0.100	ND	94.7	70-130	0.862	20	
Toluene	0.0929	0.00200	"	0.100	ND	92.9	70-130	4.73	20	
o-Xylene	0.0920	0.00200	"	0.100	ND	92.0	70-130	5.41	20	
m,p-Xylene	0.185	0.00400	"	0.200	ND	92.6	70-130	5.90	20	
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		83.1	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.7	70-130			

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 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2J3127 - EPA 3580</b>										
<b>Blank (B2J3127-BLK1)</b>										
					Prepared: 10/31/2022 Analyzed: 11/01/2022					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	23		"	24.9		93.5	50-150			

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2J3127 - EPA 3580**

**LCS (B2J3127-BS1)**

Prepared: 10/31/2022 Analyzed: 11/01/2022

Diesel (C10-C28)	968	50.0	mg/kg	1000		96.8	70-130			
Residual Range Organics (C28-C40)	895	200	"	1000		89.5	70-130			
Surrogate: o-Terphenyl	48		"	49.8		96.8	50-150			

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2J3127 - EPA 3580

Matrix Spike (B2J3127-MS1)	Source: Y210747-01			Prepared: 10/31/2022 Analyzed: 11/01/2022						
Diesel (C10-C28)	921	50.0	mg/kg	1000	ND	92.1	70-130			
Residual Range Organics (C28-C40)	844	200	"	1000	ND	84.4	70-130			
Surrogate: o-Terphenyl	45		"	49.8		89.6	50-150			

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 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2J3127 - EPA 3580**

<b>Matrix Spike Dup (B2J3127-MSD1)</b>	<b>Source: Y210747-01</b>			<b>Prepared: 10/31/2022 Analyzed: 11/01/2022</b>						
Diesel (C10-C28)	951	50.0	mg/kg	1000	ND	95.1	70-130	3.26	35	
Residual Range Organics (C28-C40)	862	200	"	1000	ND	86.2	70-130	2.07	35	
<i>Surrogate: o-Terphenyl</i>	45		"	49.8		89.8	50-150			

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 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0402 - EPA 3050B**

**Blank (B2K0402-BLK1)**

Prepared: 11/04/2022 Analyzed: 11/07/2022

Arsenic	ND	0.000100	mg/kg							U
Barium	ND	0.0100	"							U
Cadmium	ND	0.000100	"							U
Copper	ND	0.0100	"							U
Lead	ND	0.0100	"							U
Nickel	ND	0.0100	"							U
Selenium	ND	0.000100	"							U
Silver	ND	0.000100	"							U
Zinc	ND	0.100	"							U

**LCS (B2K0402-BS1)**

Prepared: 11/04/2022 Analyzed: 11/07/2022

Arsenic	0.0488	0.000100	mg/kg	0.0500		97.7	80-120			
Barium	4.83	0.0100	"	5.00		96.6	80-120			
Cadmium	0.0486	0.000100	"	0.0500		97.2	80-120			
Copper	0.528	0.0100	"	0.500		106	80-120			
Lead	0.0496	0.0100	"	0.0500		99.3	80-120			
Nickel	0.0526	0.0100	"	0.0500		105	80-120			
Selenium	0.0474	0.000100	"	0.0500		94.7	80-120			
Silver	0.0497	0.000100	"	0.0500		99.5	80-120			
Zinc	0.497	0.100	"	0.500		99.4	80-120			

**Matrix Spike (B2K0402-MS1)**

Source: Y211013-01

Prepared: 11/04/2022 Analyzed: 11/07/2022

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0402 - EPA 3050B**

<b>Matrix Spike (B2K0402-MS1)</b>		<b>Source: Y211013-01</b>			Prepared: 11/04/2022 Analyzed: 11/07/2022					
Arsenic	8.03	0.0929	mg/kg	4.64	3.15	105	75-125			
Barium	716	9.29	"	464	169	118	75-125			
Cadmium	5.08	0.0929	"	4.64	0.153	106	75-125			
Copper	58.4	9.29	"	46.4	9.53	105	75-125			
Lead	12.7	9.29	"	4.64	7.70	107	75-125			
Nickel	16.4	9.29	"	4.64	11.5	105	75-125			
Selenium	3.97	0.0929	"	4.64	ND	85.6	75-125			
Silver	5.09	0.0929	"	4.64	0.0211	109	75-125			
Zinc	81.8	92.9	"	46.4	35.1	100	75-125			U

<b>Matrix Spike Dup (B2K0402-MSD1)</b>		<b>Source: Y211013-01</b>			Prepared: 11/04/2022 Analyzed: 11/07/2022					
Arsenic	7.59	0.0941	mg/kg	4.70	3.15	94.3	75-125	5.66	20	
Barium	579	9.41	"	470	169	87.2	75-125	21.0	20	QR-02
Cadmium	4.92	0.0941	"	4.70	0.153	101	75-125	3.19	20	
Copper	57.0	9.41	"	47.0	9.53	101	75-125	2.47	20	
Lead	12.3	9.41	"	4.70	7.70	98.6	75-125	2.64	20	
Nickel	16.1	9.41	"	4.70	11.5	99.6	75-125	1.30	20	
Selenium	4.28	0.0941	"	4.70	ND	90.9	75-125	7.37	20	
Silver	4.98	0.0941	"	4.70	0.0211	106	75-125	2.16	20	
Zinc	80.9	94.1	"	47.0	35.1	97.4	75-125	1.04	20	U

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2K0108 - DTPA Sorbitol Preparation</b>										
<b>Blank (B2K0108-BLK1)</b>					Prepared: 11/01/2022 Analyzed: 11/02/2022					
Boron	ND	0.100	mg/L							U
<b>Duplicate (B2K0108-DUP1)</b>		<b>Source: Y210749-18</b>			Prepared: 11/01/2022 Analyzed: 11/02/2022					
Boron	4.45	0.0996	mg/L		4.35			2.38	50	
<b>Batch B2K0109 - DTPA Sorbitol Preparation</b>										
<b>Blank (B2K0109-BLK1)</b>					Prepared: 11/01/2022 Analyzed: 11/02/2022					
Boron	ND	0.100	mg/L							U
<b>Duplicate (B2K0109-DUP1)</b>		<b>Source: Y210756-20</b>			Prepared: 11/01/2022 Analyzed: 11/02/2022					
Boron	0.346	0.101	mg/L		0.358			3.56	50	
<b>Batch B2K0111 - Saturated Paste Metals</b>										
<b>Blank (B2K0111-BLK1)</b>					Prepared: 11/01/2022 Analyzed: 11/03/2022					
SAR	0.00		SAR							U
Calcium PPM	ND	10.0	mg/L							U
Magnesium PPM	ND	10.0	"							U
Sodium PPM	ND	10.0	"							U
<b>Duplicate (B2K0111-DUP1)</b>		<b>Source: Y210749-14</b>			Prepared: 11/01/2022 Analyzed: 11/03/2022					
SAR	0.00		SAR		22.1			200	200	U
Calcium PPM	10.8	10.0	mg/L		10.6			1.88	50	
Magnesium PPM	14.4	10.0	"		14.3			0.598	50	
Sodium PPM	476	10.0	"		469			1.54	50	

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0112 - Saturated Paste Metals**

**Blank (B2K0112-BLK1)**

Prepared: 11/01/2022 Analyzed: 11/03/2022

SAR	0.00		SAR							U
Calcium PPM	ND	10.0	mg/L							U
Magnesium PPM	ND	10.0	"							U
Sodium PPM	ND	10.0	"							U

**Duplicate (B2K0112-DUP1)**

**Source: Y210756-16**

Prepared: 11/01/2022 Analyzed: 11/03/2022

Calcium PPM	172	10.0	mg/L		290		51.3	50		QR-DUP
SAR	0.00		SAR		3.02		200	200		U
Magnesium PPM	57.3	10.0	mg/L		103		56.8	50		QR-DUP
Sodium PPM	121	10.0	"		235		64.3	50		QR-DUP

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 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Saturated Paste - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0114 - Saturated Paste Metals**

**Blank (B2K0114-BLK1)**

Prepared: 11/01/2022 Analyzed: 11/02/2022

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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**Duplicate (B2K0114-DUP1)**

**Source: Y210749-14**

Prepared: 11/01/2022 Analyzed: 11/02/2022

Specific Conductance (EC)	1.82	0.00500	mmhos/cm		1.81		0.369	25		
pH	8.54		pH Units		8.51		0.352	25		

**Batch B2K0115 - Saturated Paste Metals**

**Blank (B2K0115-BLK1)**

Prepared: 11/01/2022 Analyzed: 11/02/2022

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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**Duplicate (B2K0115-DUP1)**

**Source: Y210756-16**

Prepared: 11/01/2022 Analyzed: 11/02/2022

pH	8.09		pH Units		8.00		1.12	25		
Specific Conductance (EC)	1.35	0.00500	mmhos/cm		2.28		51.2	25	QR-DUP	

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 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch L647321 - 3550B**

MSD (L 86988-MSD-L647321)	Source: 86988			Prepared: 11/07/2022 Analyzed: 11/08/2022						
Chrysene	0.0945	0.00067	mg/Kg	0.162	<0.000624	58.3	30-130	5.6	30	
1-Methylnaphthalene	0.0997	0.00201	"	0.162	<0.00109	61.5	30-130	12.8	30	
Anthracene	0.0935	0.00067	"	0.162	<0.000334	57.7	30-130	6.5	30	
Acenaphthene	0.083	0.00067	"	0.162	<0.000304	51.2	30-130	5.7	30	
Benzo(a)anthracene	0.0931	0.00067	"	0.162	<0.000493	57.4	30-130	2.7	30	
2-Methylnaphthalene	0.0811	0.00201	"	0.162	<0.00194	50	30-130	7.5	30	
Benzo(a)pyrene	0.11	0.00067	"	0.162	<0.000468	67.9	30-130	4.4	30	
Benzo(k)fluoranthene	0.0993	0.00067	"	0.162	<0.000437	61.2	30-130	8.3	30	
Dibenz(a,h)anthracene	0.109	0.00067	"	0.162	<0.000614	67.2	30-130	7	30	
Fluoranthene	0.0979	0.00067	"	0.162	<0.000394	60.4	30-130	4.1	30	
Fluorene	0.0905	0.00067	"	0.162	<0.000286	55.8	30-130	4.4	30	
Indeno(1,2,3-cd)pyrene	0.1	0.00067	"	0.162	<0.000627	61.7	30-130	5.8	30	
Naphthalene	0.0752	0.00201	"	0.162	<0.00145	46.4	30-130	9.4	30	
Pyrene	0.099	0.00067	"	0.162	<0.000643	61.1	30-130	16.1	30	
Benzo(b)fluoranthene	0.104	0.00067	"	0.162	<0.000585	64.1	30-130	1.9	30	
Surrogate: 2-Fluorobiphenyl	59		"	0.325	140	59	33-115			
Surrogate: 4-Terphenyl-d14	60.6		"	0.325	291	60.6	33-122			
Surrogate: Nitrobenzene-d5	42.7		"	0.325	159	42.7	29-110			

MS (L 86988-MS-L647321)	Source: 86988			Prepared: 11/07/2022 Analyzed: 11/08/2022						
Pyrene	0.0842	0.00067	mg/Kg	0.167	<0.000643	50.4	30-130			
Dibenz(a,h)anthracene	0.117	0.00067	"	0.167	<0.000614	70	30-130			
Indeno(1,2,3-cd)pyrene	0.106	0.00067	"	0.167	<0.000627	63.4	30-130			
Fluorene	0.0946	0.00067	"	0.167	<0.000286	56.6	30-130			
Fluoranthene	0.102	0.00067	"	0.167	<0.000394	61	30-130			
Naphthalene	0.0827	0.00201	"	0.167	<0.00145	49.5	30-130			
Chrysene	0.1	0.00067	"	0.167	<0.000624	59.8	30-130			

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Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch L647321 - 3550B**

<b>MS (L 86988-MS-L647321)</b>		<b>Source: 86988</b>			Prepared: 11/07/2022 Analyzed: 11/08/2022					
1-Methylnaphthalene	0.0877	0.00201	mg/Kg	0.167	<0.00109	52.5	30-130			
2-Methylnaphthalene	0.0875	0.00201	"	0.167	<0.00194	52.3	30-130			
Acenaphthene	0.0879	0.00067	"	0.167	<0.000304	52.6	30-130			
Anthracene	0.0998	0.00067	"	0.167	<0.000334	59.7	30-130			
Benzo(a)anthracene	0.0957	0.00067	"	0.167	<0.000493	57.3	30-130			
Benzo(a)pyrene	0.115	0.00067	"	0.167	<0.000468	68.8	30-130			
Benzo(b)fluoranthene	0.106	0.00067	"	0.167	<0.000585	63.4	30-130			
Benzo(k)fluoranthene	0.108	0.00067	"	0.167	<0.000437	64.6	30-130			
Surrogate: Nitrobenzene-d5	45		"	0.333	159	45	29-110			
Surrogate: 4-Terphenyl-d14	49.5		"	0.333	291	49.5	33-122			
Surrogate: 2-Fluorobiphenyl	49.5		"	0.333	140	49.5	33-115			

<b>LCS (LCS-L647321)</b>		Prepared: 11/07/2022 Analyzed: 11/08/2022								
Benzo(b)fluoranthene	0.109	0.00067	mg/Kg	0.167		65.2	30-130			
Benzo(k)fluoranthene	0.109	0.00067	"	0.167		65.2	30-130			
Chrysene	0.0999	0.00067	"	0.167		59.8	30-130			
Dibenz(a,h)anthracene	0.121	0.00067	"	0.167		72.4	30-130			
Fluorene	0.0958	0.00067	"	0.167		57.3	30-130			
Naphthalene	0.084	0.00201	"	0.167		50.2	30-130			
Benzo(a)pyrene	0.114	0.00067	"	0.167		68.2	30-130			
Pyrene	0.0832	0.00067	"	0.167		49.8	30-130			
Fluoranthene	0.0845	0.00067	"	0.167		50.5	30-130			
Anthracene	0.0994	0.00067	"	0.167		59.5	30-130			
Acenaphthene	0.0886	0.00067	"	0.167		53	30-130			
2-Methylnaphthalene	0.09	0.00201	"	0.167		53.8	30-130			
1-Methylnaphthalene	0.0907	0.00201	"	0.167		54.3	30-130			
Benzo(a)anthracene	0.0969	0.00067	"	0.167		58	30-130			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch L647321 - 3550B**

**LCS (LCS-L647321)**

Prepared: 11/07/2022 Analyzed: 11/08/2022

Indeno(1,2,3-cd)pyrene	0.112	0.00067	mg/Kg	0.167		67	30-130			
Surrogate: Nitrobenzene-d5	48		"	0.333		48	29-110			
Surrogate: 4-Terphenyl-d14	54.6		"	0.333		54.6	33-122			
Surrogate: 2-Fluorobiphenyl	56.7		"	0.333		56.7	33-115			

**LRB (LRB-L647321)**

Prepared: 11/07/2022 Analyzed: 11/08/2022

Benzo(b)fluoranthene	ND	0.00067	mg/Kg				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Chrysene	ND	0.00067	"				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Naphthalene	ND	0.00201	"				-			
Acenaphthene	ND	0.00067	"				-			
Pyrene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00201	"				-			
1-Methylnaphthalene	ND	0.00201	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Surrogate: Nitrobenzene-d5	51.6		"	0.333		51.6	29-110			
Surrogate: 4-Terphenyl-d14	84.9		"	0.333		84.9	33-122			
Surrogate: 2-Fluorobiphenyl	63.9		"	0.333		63.9	33-115			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Total Metals by 7196 A - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch L647719 -</b>										
<b>DUP (L 87033-DUP)</b>		<b>Source: Y210756-04</b>			Prepared: Analyzed: 11/08/2022					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500		-	0	20	
<b>MS (L 87033-MS)</b>		<b>Source: Y210756-04</b>			Prepared: Analyzed: 11/08/2022					
Chromium, Hexavalent	33.7	2.5	mg/Kg	39	< 0.244	86	75-125			
<b>MSD (L 87033-MSD)</b>		<b>Source: Y210756-04</b>			Prepared: Analyzed: 11/08/2022					
Chromium, Hexavalent	615	52	mg/Kg	750	<25.4	82	75-125			
<b>LCS (LCS)</b>					Prepared: Analyzed: 11/08/2022					
Chromium, Hexavalent	7.19	0.5	mg/Kg	8		90	75-125			
<b>LRB (LRB)</b>					Prepared: Analyzed: 11/08/2022					
Chromium, Hexavalent	ND	0.5	mg/Kg				-			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Total Metals by 7196A - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch L647718 -**

<b>DUP (L 87032-DUP)</b>		<b>Source: Y210756-03</b>			Prepared: Analyzed: 11/08/2022					
Chromium, Hexavalent	ND	0.517	mg/Kg		<0.517		-	0	20	
<b>MS (L 87032-MS)</b>		<b>Source: Y210756-03</b>			Prepared: Analyzed: 11/08/2022					
Chromium, Hexavalent	34.4	2.52	mg/Kg	40.3	< 0.246	85	75-125			
<b>MSD (L 87032-MSD)</b>		<b>Source: Y210756-03</b>			Prepared: Analyzed: 11/08/2022					
Chromium, Hexavalent	593	51.4	mg/Kg	728	<25.1	81	75-125			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

---

### Notes and Definitions

U Sample is Non-Detect.

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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November 30, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - KMG - Berry Farms 30 31 32-8HZ O Project Number - [none]  
SA**

Attached are your analytical results for KMG - Berry Farms 30 31 32-8HZ O SA received by Origins Laboratory, Inc. October 31, 2022. This project is associated with Origins project number Y210756-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PW-BG01@3"	Y210756-01	Soil	October 31, 2022 8:20	10/31/2022 15:25
PW-BG02@3"	Y210756-02	Soil	October 31, 2022 8:23	10/31/2022 15:25
PW-BG03@3"	Y210756-03	Soil	October 31, 2022 8:26	10/31/2022 15:25
PW-BG04@3"	Y210756-04	Soil	October 31, 2022 8:29	10/31/2022 15:25
SEP-B01@3"	Y210756-05	Soil	October 31, 2022 8:40	10/31/2022 15:25
SEP-B02@3"	Y210756-06	Soil	October 31, 2022 8:42	10/31/2022 15:25
SEP-B03@3"	Y210756-07	Soil	October 31, 2022 8:44	10/31/2022 15:25
SEP-B04@3"	Y210756-08	Soil	October 31, 2022 8:46	10/31/2022 15:25
SEP-B05@3"	Y210756-09	Soil	October 31, 2022 8:48	10/31/2022 15:25
SEP-B06@3"	Y210756-10	Soil	October 31, 2022 8:50	10/31/2022 15:25
SEP-B07@3"	Y210756-11	Soil	October 31, 2022 8:52	10/31/2022 15:25
SEP-B08@3"	Y210756-12	Soil	October 31, 2022 8:54	10/31/2022 15:25
SEP-B09@3"	Y210756-13	Soil	October 31, 2022 8:56	10/31/2022 15:25
SEP-B10@3"	Y210756-14	Soil	October 31, 2022 8:58	10/31/2022 15:25

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SEP-B11@3"	Y210756-15	Soil	October 31, 2022 9:04	10/31/2022 15:25
SEP-B12@3"	Y210756-16	Soil	October 31, 2022 9:06	10/31/2022 15:25
SEP-B13@3"	Y210756-17	Soil	October 31, 2022 9:08	10/31/2022 15:25
SEP-B14@3"	Y210756-18	Soil	October 31, 2022 9:10	10/31/2022 15:25
SEP-B15@3"	Y210756-19	Soil	October 31, 2022 9:20	10/31/2022 15:25
SEP-B16@3"	Y210756-20	Soil	October 31, 2022 9:22	10/31/2022 15:25
AST-B01@3"	Y210756-21	Soil	October 31, 2022 14:30	10/31/2022 15:25

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA



www.originslaboratory.com

Initial  
 4210750

page 1 of 3

Client: Eagle Environmental (only)  
 Address: 8000 W 44th Ave  
 Wheat Ridge, CO 80033  
 Telephone Number: 303-433-6479  
 Email Address: dcoloccia@eagle-envis.com

Project Manager: D Coloccia  
 Project Name: Berry Farms 30 31 32-8HZ O SA  
 Project Number: " "  
 Samples Collected By: M03

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis					Sample Instructions	
				Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air Sample	Other	ISTEX, N	TPH	PAH	PCB		
1W-060103"	10/31/22	09:26	2 X					X					X	X	X	1	metals added to
PW-060203"		09:23											X	X	X	2	all PG samples +
PW-060303"		09:26											X	X	X	3	Full 915 added to
PW-060403"		09:29											X	X	X	4	Sep-005 @ 3" per
SEP-060103"		09:40											X	X	X	5	the email from
SEP-060203"		09:42											X	X	X	6	Brandon on 11/18/22
SEP-060303"		09:44											X	X	X	7	
SEP-060403"		09:46											X	X	X	8	Full 915 added to
SEP-060503"		09:48											X	X	X	9	Sep 0603" Sep 0503" +
SEP-060603"		09:50											X	X	X	10	195-01 @ 3" per the email
Relinquished By: MCH Bx119	Date: 10/31/22	Time: 15:25		Received By: [Signature]	Date: 10/31/22	Time: 15:25		Received By: [Signature]	Date: 10/31/22	Time: 15:25							turnaround time: 4-10 W

Temp Received: 1.5 Date Results Needed

Origins Laboratory, Inc.

*Jen Pellegrini*

Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

Origins Laboratory

F-012207-01-R1  
 Effective Date: 01/09/12

**Sample Receipt Checklist**

Origins Work Order: 4210754

Client: JA Eagle Environmental  
 Client Project ID: Berry Farms

Checklist Completed by: ISAH/DE

Shipped Via: HD  
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 10/2/12

Airbill #: N/A

Matrix(s) Received: (Check all that apply):  Soil/Solid  Water  Other: \_\_\_\_\_

Cooler Number/Temperature: 1 / 15 °C / \_\_\_\_\_ °C / \_\_\_\_\_ °C (Describe) \_\_\_\_\_ °C

Thermometer ID: T004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)			<input checked="" type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)			<input checked="" type="checkbox"/>	
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? <b>If yes, contact client and note in narrative.</b>			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH < 2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH > 10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup>if NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) ISAH

Date/Time Reviewed \_\_\_\_\_

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG01@3"**  
**10/31/2022 8:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.672		0.101	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**Metals by Saturated Paste by EPA 6010**

Calcium	7.82		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	2.90		0.823	"	"	"	"	"	
Sodium	1.29		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.00			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.558			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.949		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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**Table 915 metals by EPA 6020B**

Arsenic	2.51		0.0977	mg/kg	10	B2K0402	11/04/2022	11/07/2022	
Barium	85.5		9.77	"	"	"	"	"	
Cadmium	0.127		0.0977	"	"	"	"	"	
Copper	ND		9.77	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG01@3"**

**10/31/2022 8:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-01 (Soil)**

**Table 915 metals by EPA 6020B**

Lead	ND		9.77	mg/kg	10	B2K0402	11/04/2022	11/07/2022	U
Nickel	ND		9.77	"	"	"	"	"	U
Selenium	<b>0.177</b>		0.0977	"	"	"	"	"	
Silver	ND		0.0977	"	"	"	"	"	U
Zinc	ND		97.7	"	"	"	"	"	U

**Total Metals by 7196A**

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L647718	10/31/2022	11/08/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG02@3"**

**10/31/2022 8:23:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-02 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	1.11		0.0990	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**Metals by Saturated Paste by EPA 6010**

Calcium	18.0		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	10.2		0.823	"	"	"	"	"	
Sodium	6.98		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.01			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	1.86			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	2.35		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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**Table 915 metals by EPA 6020B**

Arsenic	3.02		0.0962	mg/kg	10	B2K0402	11/04/2022	11/07/2022	
Barium	84.6		9.62	"	"	"	"	"	
Cadmium	ND		0.0962	"	"	"	"	"	U
Copper	ND		9.62	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG02@3"**

**10/31/2022 8:23:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-02 (Soil)**

**Table 915 metals by EPA 6020B**

Lead	ND		9.62	mg/kg	10	B2K0402	11/04/2022	11/07/2022	U
Nickel	ND		9.62	"	"	"	"	"	U
Selenium	<b>0.177</b>		0.0962	"	"	"	"	"	
Silver	ND		0.0962	"	"	"	"	"	U
Zinc	ND		96.2	"	"	"	"	"	U

**Total Metals by 7196A**

Chromium, Hexavalent	ND	0.245	0.504	mg/Kg	1	L647718	10/31/2022	11/08/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG03@3"**

**10/31/2022 8:26:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-03 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	1.13		0.0993	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**Metals by Saturated Paste by EPA 6010**

Calcium	25.3		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	11.9		0.823	"	"	"	"	"	
Sodium	11.3		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.02			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	2.62			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	3.02		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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**Table 915 metals by EPA 6020B**

Arsenic	2.66		0.0925	mg/kg	10	B2K0402	11/04/2022	11/07/2022	
Barium	99.1		9.25	"	"	"	"	"	
Cadmium	ND		0.0925	"	"	"	"	"	U
Copper	ND		9.25	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG03@3"**

**10/31/2022 8:26:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-03 (Soil)**

**Table 915 metals by EPA 6020B**

Lead	ND		9.25	mg/kg	10	B2K0402	11/04/2022	11/07/2022	U
Nickel	ND		9.25	"	"	"	"	"	U
Selenium	<b>0.137</b>		0.0925	"	"	"	"	"	
Silver	ND		0.0925	"	"	"	"	"	U
Zinc	ND		92.5	"	"	"	"	"	U

**Total Metals by 7196A**

Chromium, Hexavalent	ND	0.246	0.505	mg/Kg	1	L647718	10/31/2022	11/08/2022	
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Origins Laboratory, Inc.



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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG04@3"**

**10/31/2022 8:29:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-04 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.150		0.101	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**Metals by Saturated Paste by EPA 6010**

Calcium	1.89		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.27			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.183			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.228		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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**Table 915 metals by EPA 6020B**

Arsenic	3.36		0.0952	mg/kg	10	B2K0402	11/04/2022	11/07/2022	
Barium	52.6		9.52	"	"	"	"	"	
Cadmium	ND		0.0952	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG04@3"**

**10/31/2022 8:29:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-04 (Soil)**

**Table 915 metals by EPA 6020B**

Copper	ND		9.52	mg/kg	10	B2K0402	11/04/2022	11/07/2022	U
Lead	ND		9.52	"	"	"	"	"	U
Nickel	ND		9.52	"	"	"	"	"	U
Selenium	<b>0.126</b>		0.0952	"	"	"	"	"	
Silver	ND		0.0952	"	"	"	"	"	U
Zinc	ND		95.2	"	"	"	"	"	U

**Total Metals by 7196 A**

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L647719	10/31/2022	11/08/2022	
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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B01@3"**

**10/31/2022 8:40:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-05 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND		0.0994	mg/L	1	B2K0108	11/01/2022	11/02/2022	U
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: <i>o</i> -Terphenyl	93.4 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B01@3"**

**10/31/2022 8:40:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-05 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	106 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	101 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	104 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	0.606		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.21			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.117			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.0927		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B02@3"**

**10/31/2022 8:42:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-06 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.244		0.0993	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	96.6 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	0.00332		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B02@3"**

**10/31/2022 8:42:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-06 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	104 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	101 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	101 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.24		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.734		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.35			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.807			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.226		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B03@3"**

**10/31/2022 8:44:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-07 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.121		0.100	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	97.2 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B03@3"**

**10/31/2022 8:44:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-07 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	99.6 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	103 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	96.0 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.10		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.42			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.400			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.147		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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 8000 W 44th Ave  
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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B04@3"**

**10/31/2022 8:46:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-08 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.164		0.101	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	87.2 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B04@3"**

**10/31/2022 8:46:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-08 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	113 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	106 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	86.4 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	0.830		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	38.5		0.435	"	"	"	"	"	

**PAH by 8270D SIM**

1-Methylnaphthalene	ND	0.00109	0.00201	mg/Kg	1	L648570	11/14/2022	11/14/2022	
2-Methylnaphthalene	ND	0.00194	0.00201	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B04@3"**

**10/31/2022 8:46:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Waypoint Analytical, LLC.**  
**Y210756-08 (Soil)**

**PAH by 8270D SIM**

Fluoranthene	0.000505	0.000394	0.00067	mg/Kg	1	L648570	11/14/2022	11/14/2022	J
Fluorene	ND	0.000286	0.00067	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	
Naphthalene	ND	0.00145	0.00201	"	"	"	"	"	
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	52.6 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	61.1 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	46.8 %		29-110			"	"	"	

**pH in Soil by 9045D**

pH	8.69			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	52.8			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	3.75		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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**Table 915 metals by EPA 6020B**

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B04@3"

10/31/2022 8:46:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y210756-08 (Soil)

**Table 915 metals by EPA 6020B**

Arsenic	6.71	0.0995	0.0995	mg/kg	10	B2K1114	11/11/2022	11/14/2022	
Barium	59.5	9.95	9.95	"	"	"	"	"	
Cadmium	0.355	0.0995	0.0995	"	"	"	"	"	
Copper	129	9.95	9.95	"	"	"	"	"	
Lead	11.0	9.95	9.95	"	"	"	"	"	
Nickel	12.8	9.95	9.95	"	"	"	"	"	
Selenium	0.473	0.0995	0.0995	"	"	"	"	"	
Silver	ND	0.0995	0.0995	"	"	"	"	"	U
Zinc	99.8	99.5	99.5	"	"	"	"	"	

**Total Metals by 7196A**

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L648863	10/31/2022	11/15/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B05@3"**

**10/31/2022 8:48:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-09 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND		0.101	mg/L	1	B2K0108	11/01/2022	11/02/2022	U
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	92.9 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	<b>0.00870</b>		0.00380	"	"	"	"	"	
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B05@3"**

**10/31/2022 8:48:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-09 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	97.9 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	107 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	92.8 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	<b>2.65</b>		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	<b>0.982</b>		0.823	"	"	"	"	"	
Sodium	<b>0.446</b>		0.435	"	"	"	"	"	

**PAH by 8270D SIM**

1-Methylnaphthalene	<b>0.00282</b>	<b>0.00109</b>	0.00201	mg/Kg	1	L647321	11/07/2022	11/08/2022	
2-Methylnaphthalene	<b>0.00575</b>	<b>0.00194</b>	0.00201	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B05@3"**

**10/31/2022 8:48:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Waypoint Analytical, LLC.**  
**Y210756-09 (Soil)**

**PAH by 8270D SIM**

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L647321	11/07/2022	11/08/2022	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	
Naphthalene	<b>0.00232</b>	<b>0.00145</b>	0.00201	"	"	"	"	"	
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	53.4 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	62 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	49.4 %		29-110			"	"	"	

**pH in Soil by 9045D**

pH	<b>8.14</b>			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	<b>0.331</b>			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	<b>0.379</b>		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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**Table 915 metals by EPA 6020B**

Arsenic	<b>1.90</b>		0.0959	mg/kg	10	B2K0402	11/04/2022	11/07/2022	
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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B05@3"

10/31/2022 8:48:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y210756-09 (Soil)

**Table 915 metals by EPA 6020B**

Barium	55.0		9.59	mg/kg	10	B2K0402	11/04/2022	11/07/2022	
Cadmium	ND		0.0959	"	"	"	"	"	U
Copper	ND		9.59	"	"	"	"	"	U
Lead	ND		9.59	"	"	"	"	"	U
Nickel	ND		9.59	"	"	"	"	"	U
Selenium	0.190		0.0959	"	"	"	"	"	
Silver	ND		0.0959	"	"	"	"	"	U
Zinc	ND		95.9	"	"	"	"	"	U

**Total Metals by 7196 A**

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L647719	10/31/2022	11/08/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B06@3"**  
**10/31/2022 8:50:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-10 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.194		0.101	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	95.4 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B06@3"**

**10/31/2022 8:50:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-10 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	99.1 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	101 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	97.2 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.31		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.520		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.23			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.561			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.215		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B07@3"**

**10/31/2022 8:52:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-11 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.146		0.0996	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	94.4 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B07@3"**

**10/31/2022 8:52:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-11 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	123 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	109 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	74.6 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	2.69		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.11			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.284			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.374		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B08@3"**

**10/31/2022 8:54:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-12 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.195		0.100	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	99.5 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B08@3"**

**10/31/2022 8:54:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-12 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	123 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	112 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	78.8 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.73		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.22			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.338			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.257		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B09@3"**

**10/31/2022 8:56:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-13 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.109		0.100	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	98.4 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B09@3"**

**10/31/2022 8:56:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-13 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	104 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	99.1 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	96.2 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.64		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.14			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.106			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.220		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B10@3"**  
**10/31/2022 8:58:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-14 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.178		0.0996	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	94.8 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B10@3"**

**10/31/2022 8:58:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-14 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	169 %		70-130			B2J31 26	10/31/2022	11/01/2022	GC
Surrogate: Toluene-d8	87.7 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	2.42		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.21			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.336			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.329		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B11@3"  
 10/31/2022 9:04:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y210756-15 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.149		0.101	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	89.5 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B11@3"  
 10/31/2022 9:04:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y210756-15 (Soil)

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	105 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	101 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	96.4 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.70		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.19			pH Units	1	B2K0114	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.262			SAR	1	B2K0111	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.247		0.00500	mmhos/cm	1	B2K0114	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B12@3"**  
**10/31/2022 9:06:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-16 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.716		0.0993	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	85.8 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B12@3"**

**10/31/2022 9:06:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-16 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	99.6 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	100 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	96.9 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	14.5		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	8.46		0.823	"	"	"	"	"	
Sodium	10.2		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.00			pH Units	1	B2K0115	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	3.02			SAR	1	B2K0112	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	2.28		0.00500	mmhos/cm	1	B2K0115	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B13@3"**

**10/31/2022 9:08:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-17 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND		0.100	mg/L	1	B2K0108	11/01/2022	11/02/2022	U
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: <i>o</i> -Terphenyl	88.3 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B13@3"**

**10/31/2022 9:08:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-17 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	100 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	102 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	94.7 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.75		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.17			pH Units	1	B2K0115	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.236			SAR	1	B2K0112	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.248		0.00500	mmhos/cm	1	B2K0115	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B14@3"**

**10/31/2022 9:10:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-18 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.136		0.0995	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	88.1 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B14@3"**

**10/31/2022 9:10:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-18 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	99.4 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	102 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	96.6 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	2.28		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	0.864		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.08			pH Units	1	B2K0115	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.253			SAR	1	B2K0112	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.319		0.00500	mmhos/cm	1	B2K0115	11/01/2022	11/02/2022	
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Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B15@3"  
 10/31/2022 9:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-19 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	2.35		0.101	mg/L	1	B2K0108	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	90.2 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B15@3"**

**10/31/2022 9:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-19 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	102 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	104 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	93.5 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	<b>0.921</b>		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	<b>0.962</b>		0.823	"	"	"	"	"	
Sodium	<b>1.98</b>		0.435	"	"	"	"	"	

**PAH by 8270D SIM**

1-Methylnaphthalene	ND	0.00549	0.0101	mg/Kg	5	L648570	11/14/2022	11/14/2022	
2-Methylnaphthalene	ND	0.00972	0.0101	"	"	"	"	"	
Acenaphthene	ND	0.00152	0.00335	"	"	"	"	"	
Anthracene	ND	0.00167	0.00335	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00247	0.00335	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00234	0.00335	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00293	0.00335	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00219	0.00335	"	"	"	"	"	
Chrysene	ND	0.00312	0.00335	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00307	0.00335	"	"	"	"	"	

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B15@3"**

**10/31/2022 9:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Waypoint Analytical, LLC.**  
**Y210756-19 (Soil)**

**PAH by 8270D SIM**

Fluoranthene	ND	0.00197	0.00335	mg/Kg	5	L648570	11/14/2022	11/14/2022	
Fluorene	ND	0.00143	0.00335	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.00314	0.00335	"	"	"	"	"	
Naphthalene	ND	0.0073	0.0101	"	"	"	"	"	
Pyrene	ND	0.00322	0.00335	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	59.6 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	72.3 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	46.7 %		29-110			"	"	"	

**pH in Soil by 9045D**

pH	8.57			pH Units	1	B2K0115	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	2.05			SAR	1	B2K0112	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.345		0.00500	mmhos/cm	1	B2K0115	11/01/2022	11/02/2022	
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**Table 915 metals by EPA 6020B**

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B15@3"**

**10/31/2022 9:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-19 (Soil)**

**Table 915 metals by EPA 6020B**

Arsenic	6.25	0.0991	0.0991	mg/kg	10	B2K1114	11/11/2022	11/14/2022	
Barium	49.9	9.91	9.91	"	"	"	"	"	
Cadmium	0.362	0.0991	0.0991	"	"	"	"	"	
Copper	11.9	9.91	9.91	"	"	"	"	"	
Lead	ND	9.91	9.91	"	"	"	"	"	U
Nickel	11.6	9.91	9.91	"	"	"	"	"	
Selenium	ND	0.0991	0.0991	"	"	"	"	"	U
Silver	ND	0.0991	0.0991	"	"	"	"	"	U
Zinc	ND	99.1	99.1	"	"	"	"	"	U

**Total Metals by 7196A**

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L648863	10/31/2022	11/15/2022	
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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B16@3"  
 10/31/2022 9:22:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-20 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.358		0.0990	mg/L	1	B2K0109	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	91.6 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B16@3"**

**10/31/2022 9:22:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-20 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	101 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	99.1 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	96.5 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	3.65		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	0.986		0.823	"	"	"	"	"	
Sodium	0.585		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.10			pH Units	1	B2K0115	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	0.384			SAR	1	B2K0112	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.472		0.00500	mmhos/cm	1	B2K0115	11/01/2022	11/02/2022	
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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**AST-B01@3"**

**10/31/2022 2:30:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-21 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.159		0.0983	mg/L	1	B2K0109	11/01/2022	11/02/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2J3127	10/31/2022	11/01/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	94.6 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2J3126	10/31/2022	11/01/2022	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Naphthalene	ND		0.00380	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**AST-B01@3"**

**10/31/2022 2:30:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-21 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	106 %		70-130			B2J31 26	10/31/2022	11/01/2022	
Surrogate: Toluene-d8	99.2 %		70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	96.3 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	ND		0.499	meq/L	10	[CALC]	11/01/2022	11/03/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	12.4		0.435	"	"	"	"	"	

**PAH by 8270D SIM**

1-Methylnaphthalene	ND	0.00109	0.00201	mg/Kg	1	L648570	11/14/2022	11/14/2022	
2-Methylnaphthalene	ND	0.00194	0.00201	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	

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**AST-B01@3"**

**10/31/2022 2:30:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Waypoint Analytical, LLC.**  
**Y210756-21 (Soil)**

**PAH by 8270D SIM**

Fluoranthene	ND	0.000394	0.00067	mg/Kg	1	L648570	11/14/2022	11/14/2022	
Fluorene	ND	0.000286	0.00067	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	
Naphthalene	ND	0.00145	0.00201	"	"	"	"	"	
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	49.1 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	57.6 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	40.6 %		29-110			"	"	"	

**pH in Soil by 9045D**

pH	9.88			pH Units	1	B2K0115	11/01/2022	11/02/2022	
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**SAR by 20B Saturated Paste**

SAR	29.0			SAR	1	B2K0112	11/01/2022	11/03/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.882		0.00500	mmhos/cm	1	B2K0115	11/01/2022	11/02/2022	
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**Table 915 metals by EPA 6020B**

Origins Laboratory, Inc.



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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**AST-B01@3"**

**10/31/2022 2:30:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y210756-21 (Soil)**

**Table 915 metals by EPA 6020B**

Arsenic	2.09	0.0937	0.0937	mg/kg	10	B2K1114	11/11/2022	11/14/2022	
Barium	56.6	9.37	9.37	"	"	"	"	"	
Cadmium	ND	0.0937	0.0937	"	"	"	"	"	U
Copper	ND	9.37	9.37	"	"	"	"	"	U
Lead	ND	9.37	9.37	"	"	"	"	"	U
Nickel	ND	9.37	9.37	"	"	"	"	"	U
Selenium	0.105	0.0937	0.0937	"	"	"	"	"	
Silver	ND	0.0937	0.0937	"	"	"	"	"	U
Zinc	ND	93.7	93.7	"	"	"	"	"	U

**Total Metals by 7196 A**

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L648865	10/31/2022	11/15/2022	
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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2J3126 - EPA 5030 (soil)**

**Blank (B2J3126-BLK1)**

Prepared: 10/31/2022 Analyzed: 10/31/2022

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125	83.5		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	100		70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	100		70-130			

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2J3126 - EPA 5030 (soil)

**LCS (B2J3126-BS1)**

Prepared: 10/31/2022 Analyzed: 10/31/2022

1,2,4-Trimethylbenzene	0.107	0.00200	mg/kg	0.100		107	70-130			
1,3,5-Trimethylbenzene	0.109	0.00200	"	0.100		109	70-130			
Benzene	0.105	0.00200	"	0.100		105	70-130			
Ethylbenzene	0.105	0.00200	"	0.100		105	70-130			
Naphthalene	0.0938	0.00380	"	0.100		93.8	70-130			
Toluene	0.103	0.00200	"	0.100		103	70-130			
o-Xylene	0.0950	0.00200	"	0.100		95.0	70-130			
m,p-Xylene	0.212	0.00400	"	0.200		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		83.4	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.0	70-130			

Origins Laboratory, Inc.



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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2J3126 - EPA 5030 (soil)

Matrix Spike (B2J3126-MS1)	Source: Y210747-01			Prepared: 10/31/2022 Analyzed: 10/31/2022						
1,2,4-Trimethylbenzene	0.101	0.00200	mg/kg	0.100	ND	101	70-130			
1,3,5-Trimethylbenzene	0.102	0.00200	"	0.100	ND	102	70-130			
Benzene	0.0993	0.00200	"	0.100	ND	99.3	70-130			
Ethylbenzene	0.0979	0.00200	"	0.100	ND	97.9	70-130			
Naphthalene	0.0955	0.00380	"	0.100	ND	95.5	70-130			
Toluene	0.0974	0.00200	"	0.100	ND	97.4	70-130			
o-Xylene	0.0972	0.00200	"	0.100	ND	97.2	70-130			
m,p-Xylene	0.196	0.00400	"	0.200	ND	98.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		81.4	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.3	70-130			

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2J3126 - EPA 5030 (soil)

Matrix Spike Dup (B2J3126-MSD1)	Source: Y210747-01			Prepared: 10/31/2022 Analyzed: 10/31/2022						
1,2,4-Trimethylbenzene	0.0942	0.00200	mg/kg	0.100	ND	94.2	70-130	7.04	20	
1,3,5-Trimethylbenzene	0.0949	0.00200	"	0.100	ND	94.9	70-130	7.54	20	
Benzene	0.0951	0.00200	"	0.100	ND	95.1	70-130	4.40	20	
Ethylbenzene	0.0920	0.00200	"	0.100	ND	92.0	70-130	6.23	20	
Naphthalene	0.0947	0.00380	"	0.100	ND	94.7	70-130	0.862	20	
Toluene	0.0929	0.00200	"	0.100	ND	92.9	70-130	4.73	20	
o-Xylene	0.0920	0.00200	"	0.100	ND	92.0	70-130	5.41	20	
m,p-Xylene	0.185	0.00400	"	0.200	ND	92.6	70-130	5.90	20	
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		83.1	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.7	70-130			

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Jen Pellegrini, Project Manager

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2J3127 - EPA 3580</b>										
<b>Blank (B2J3127-BLK1)</b>										
					Prepared: 10/31/2022 Analyzed: 11/01/2022					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	23		"	24.9		93.5	50-150			

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2J3127 - EPA 3580**

**LCS (B2J3127-BS1)**

Prepared: 10/31/2022 Analyzed: 11/01/2022

Diesel (C10-C28)	968	50.0	mg/kg	1000		96.8	70-130			
Residual Range Organics (C28-C40)	895	200	"	1000		89.5	70-130			
Surrogate: o-Terphenyl	48		"	49.8		96.8	50-150			

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2J3127 - EPA 3580

Matrix Spike (B2J3127-MS1)	Source: Y210747-01			Prepared: 10/31/2022 Analyzed: 11/01/2022						
Diesel (C10-C28)	921	50.0	mg/kg	1000	ND	92.1	70-130			
Residual Range Organics (C28-C40)	844	200	"	1000	ND	84.4	70-130			
Surrogate: o-Terphenyl	45		"	49.8		89.6	50-150			

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2J3127 - EPA 3580**

<b>Matrix Spike Dup (B2J3127-MSD1)</b>	<b>Source: Y210747-01</b>		<b>Prepared: 10/31/2022 Analyzed: 11/01/2022</b>							
Diesel (C10-C28)	951	50.0	mg/kg	1000	ND	95.1	70-130	3.26	35	
Residual Range Organics (C28-C40)	862	200	"	1000	ND	86.2	70-130	2.07	35	
<i>Surrogate: o-Terphenyl</i>	45		"	49.8		89.8	50-150			

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0402 - EPA 3050B**

**Blank (B2K0402-BLK1)**

Prepared: 11/04/2022 Analyzed: 11/07/2022

Arsenic	ND	0.000100	mg/kg							U
Barium	ND	0.0100	"							U
Cadmium	ND	0.000100	"							U
Copper	ND	0.0100	"							U
Lead	ND	0.0100	"							U
Nickel	ND	0.0100	"							U
Selenium	ND	0.000100	"							U
Silver	ND	0.000100	"							U
Zinc	ND	0.100	"							U

**LCS (B2K0402-BS1)**

Prepared: 11/04/2022 Analyzed: 11/07/2022

Arsenic	0.0488	0.000100	mg/kg	0.0500		97.7	80-120			
Barium	4.83	0.0100	"	5.00		96.6	80-120			
Cadmium	0.0486	0.000100	"	0.0500		97.2	80-120			
Copper	0.528	0.0100	"	0.500		106	80-120			
Lead	0.0496	0.0100	"	0.0500		99.3	80-120			
Nickel	0.0526	0.0100	"	0.0500		105	80-120			
Selenium	0.0474	0.000100	"	0.0500		94.7	80-120			
Silver	0.0497	0.000100	"	0.0500		99.5	80-120			
Zinc	0.497	0.100	"	0.500		99.4	80-120			

**Matrix Spike (B2K0402-MS1)**

Source: Y211013-01

Prepared: 11/04/2022 Analyzed: 11/07/2022

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0402 - EPA 3050B**

<b>Matrix Spike (B2K0402-MS1)</b>		<b>Source: Y211013-01</b>			<b>Prepared: 11/04/2022 Analyzed: 11/07/2022</b>					
Arsenic	8.03	0.0929	mg/kg	4.64	3.15	105	75-125			
Barium	716	9.29	"	464	169	118	75-125			
Cadmium	5.08	0.0929	"	4.64	0.153	106	75-125			
Copper	58.4	9.29	"	46.4	9.53	105	75-125			
Lead	12.7	9.29	"	4.64	7.70	107	75-125			
Nickel	16.4	9.29	"	4.64	11.5	105	75-125			
Selenium	3.97	0.0929	"	4.64	ND	85.6	75-125			
Silver	5.09	0.0929	"	4.64	0.0211	109	75-125			
Zinc	81.8	92.9	"	46.4	35.1	100	75-125			U

<b>Matrix Spike Dup (B2K0402-MSD1)</b>		<b>Source: Y211013-01</b>			<b>Prepared: 11/04/2022 Analyzed: 11/07/2022</b>					
Arsenic	7.59	0.0941	mg/kg	4.70	3.15	94.3	75-125	5.66	20	
Barium	579	9.41	"	470	169	87.2	75-125	21.0	20	QR-02
Cadmium	4.92	0.0941	"	4.70	0.153	101	75-125	3.19	20	
Copper	57.0	9.41	"	47.0	9.53	101	75-125	2.47	20	
Lead	12.3	9.41	"	4.70	7.70	98.6	75-125	2.64	20	
Nickel	16.1	9.41	"	4.70	11.5	99.6	75-125	1.30	20	
Selenium	4.28	0.0941	"	4.70	ND	90.9	75-125	7.37	20	
Silver	4.98	0.0941	"	4.70	0.0211	106	75-125	2.16	20	
Zinc	80.9	94.1	"	47.0	35.1	97.4	75-125	1.04	20	U

**Batch B2K1114 - EPA 3050B**

<b>Blank (B2K1114-BLK1)</b>		<b>Prepared: 11/11/2022 Analyzed: 11/14/2022</b>								
Arsenic	ND	0.000100	mg/kg							U
Barium	ND	0.0100	"							U
Cadmium	ND	0.000100	"							U

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1114 - EPA 3050B**

**Blank (B2K1114-BLK1)**

Prepared: 11/11/2022 Analyzed: 11/14/2022

Copper	ND	0.0100	mg/kg							U
Lead	ND	0.0100	"							U
Nickel	ND	0.0100	"							U
Selenium	ND	0.000100	"							U
Silver	ND	0.000100	"							U
Zinc	ND	0.100	"							U

**LCS (B2K1114-BS1)**

Prepared: 11/11/2022 Analyzed: 11/14/2022

Arsenic	0.0480	0.000100	mg/kg	0.0500		95.9	80-120			
Barium	4.79	0.0100	"	5.00		95.8	80-120			
Cadmium	0.0524	0.000100	"	0.0500		105	80-120			
Copper	0.519	0.0100	"	0.500		104	80-120			
Lead	0.0494	0.0100	"	0.0500		98.9	80-120			
Nickel	0.0518	0.0100	"	0.0500		104	80-120			
Selenium	0.0473	0.000100	"	0.0500		94.6	80-120			
Silver	0.0541	0.000100	"	0.0500		108	80-120			
Zinc	0.502	0.100	"	0.500		100	80-120			

**Matrix Spike (B2K1114-MS1)**

**Source: Y211174-01**

Prepared: 11/11/2022 Analyzed: 11/14/2022

Arsenic	8.05	0.0973	mg/kg	4.86	3.98	83.6	75-125			
Barium	795	9.73	"	486	658	28.2	75-125			QM-07
Cadmium	5.24	0.0973	"	4.86	0.151	105	75-125			
Copper	58.8	9.73	"	48.6	9.90	101	75-125			
Lead	13.9	9.73	"	4.86	8.41	113	75-125			
Nickel	13.8	9.73	"	4.86	10.2	74.9	75-125			QM-07
Selenium	4.43	0.0973	"	4.86	0.212	86.6	75-125			
Silver	5.13	0.0973	"	4.86	0.0507	104	75-125			

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2K1114 - EPA 3050B</b>										
<b>Matrix Spike (B2K1114-MS1)</b>			<b>Source: Y211174-01</b>			Prepared: 11/11/2022 Analyzed: 11/14/2022				
Zinc	148	97.3	mg/kg	48.6	276	NR	75-125			QM-07
<b>Matrix Spike Dup (B2K1114-MSD1)</b>			<b>Source: Y211174-01</b>			Prepared: 11/11/2022 Analyzed: 11/14/2022				
Arsenic	9.07	0.0970	mg/kg	4.85	3.98	105	75-125	12.0	20	
Barium	832	9.70	"	485	658	35.9	75-125	4.51	20	QM-07
Cadmium	5.21	0.0970	"	4.85	0.151	104	75-125	0.459	20	
Copper	57.8	9.70	"	48.5	9.90	98.8	75-125	1.68	20	
Lead	13.9	9.70	"	4.85	8.41	114	75-125	0.274	20	
Nickel	14.7	9.70	"	4.85	10.2	92.7	75-125	5.96	20	
Selenium	4.71	0.0970	"	4.85	0.212	92.8	75-125	6.28	20	
Silver	5.24	0.0970	"	4.85	0.0507	107	75-125	2.20	20	
Zinc	114	97.0	"	48.5	276	NR	75-125	26.2	20	QM-07, QR-DUP

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2K0108 - DTPA Sorbitol Preparation</b>										
<b>Blank (B2K0108-BLK1)</b>					Prepared: 11/01/2022 Analyzed: 11/02/2022					
Boron	ND	0.100	mg/L							U
<b>Duplicate (B2K0108-DUP1)</b>		<b>Source: Y210749-18</b>			Prepared: 11/01/2022 Analyzed: 11/02/2022					
Boron	4.45	0.0996	mg/L		4.35			2.38	50	
<b>Batch B2K0109 - DTPA Sorbitol Preparation</b>										
<b>Blank (B2K0109-BLK1)</b>					Prepared: 11/01/2022 Analyzed: 11/02/2022					
Boron	ND	0.100	mg/L							U
<b>Duplicate (B2K0109-DUP1)</b>		<b>Source: Y210756-20</b>			Prepared: 11/01/2022 Analyzed: 11/02/2022					
Boron	0.346	0.101	mg/L		0.358			3.56	50	
<b>Batch B2K0111 - Saturated Paste Metals</b>										
<b>Blank (B2K0111-BLK1)</b>					Prepared: 11/01/2022 Analyzed: 11/03/2022					
SAR	0.00		SAR							U
Calcium PPM	ND	10.0	mg/L							U
Magnesium PPM	ND	10.0	"							U
Sodium PPM	ND	10.0	"							U
<b>Duplicate (B2K0111-DUP1)</b>		<b>Source: Y210749-14</b>			Prepared: 11/01/2022 Analyzed: 11/03/2022					
Calcium PPM	10.8	10.0	mg/L		10.6			1.88	50	
SAR	0.00		SAR		22.1			200	200	U
Magnesium PPM	14.4	10.0	mg/L		14.3			0.598	50	
Sodium PPM	476	10.0	"		469			1.54	50	

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0112 - Saturated Paste Metals**

**Blank (B2K0112-BLK1)**

Prepared: 11/01/2022 Analyzed: 11/03/2022

Calcium PPM	ND	10.0	mg/L							U
SAR	0.00		SAR							U
Magnesium PPM	ND	10.0	mg/L							U
Sodium PPM	ND	10.0	"							U

**Duplicate (B2K0112-DUP1)**

**Source: Y210756-16**

Prepared: 11/01/2022 Analyzed: 11/03/2022

SAR	0.00		SAR		3.02			200	200	U
Calcium PPM	172	10.0	mg/L		290			51.3	50	QR-DUP
Magnesium PPM	57.3	10.0	"		103			56.8	50	QR-DUP
Sodium PPM	121	10.0	"		235			64.3	50	QR-DUP

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Saturated Paste - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0114 - Saturated Paste Metals**

**Blank (B2K0114-BLK1)**

Prepared: 11/01/2022 Analyzed: 11/02/2022

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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**Duplicate (B2K0114-DUP1)**

**Source: Y210749-14**

Prepared: 11/01/2022 Analyzed: 11/02/2022

pH	8.54		pH Units		8.51			0.352	25	
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Specific Conductance (EC)	1.82	0.00500	mmhos/cm		1.81			0.369	25	
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**Batch B2K0115 - Saturated Paste Metals**

**Blank (B2K0115-BLK1)**

Prepared: 11/01/2022 Analyzed: 11/02/2022

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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**Duplicate (B2K0115-DUP1)**

**Source: Y210756-16**

Prepared: 11/01/2022 Analyzed: 11/02/2022

pH	8.09		pH Units		8.00			1.12	25	
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Specific Conductance (EC)	1.35	0.00500	mmhos/cm		2.28			51.2	25	QR-DUP
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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch L647321 - 3550B**

<b>MSD (L 86988-MSD-L647321)</b>		<b>Source: 86988</b>			Prepared: 11/07/2022 Analyzed: 11/08/2022					
Indeno(1,2,3-cd)pyrene	0.1	0.00067	mg/Kg	0.162	<0.000627	61.7	30-130	5.8	30	
Fluorene	0.0905	0.00067	"	0.162	<0.000286	55.8	30-130	4.4	30	
Fluoranthene	0.0979	0.00067	"	0.162	<0.000394	60.4	30-130	4.1	30	
Dibenz(a,h)anthracene	0.109	0.00067	"	0.162	<0.000614	67.2	30-130	7	30	
Naphthalene	0.0752	0.00201	"	0.162	<0.00145	46.4	30-130	9.4	30	
Benzo(k)fluoranthene	0.0993	0.00067	"	0.162	<0.000437	61.2	30-130	8.3	30	
Benzo(a)pyrene	0.11	0.00067	"	0.162	<0.000468	67.9	30-130	4.4	30	
Benzo(a)anthracene	0.0931	0.00067	"	0.162	<0.000493	57.4	30-130	2.7	30	
Anthracene	0.0935	0.00067	"	0.162	<0.000334	57.7	30-130	6.5	30	
Acenaphthene	0.083	0.00067	"	0.162	<0.000304	51.2	30-130	5.7	30	
Pyrene	0.099	0.00067	"	0.162	<0.000643	61.1	30-130	16.1	30	
2-Methylnaphthalene	0.0811	0.00201	"	0.162	<0.00194	50	30-130	7.5	30	
Chrysene	0.0945	0.00067	"	0.162	<0.000624	58.3	30-130	5.6	30	
1-Methylnaphthalene	0.0997	0.00201	"	0.162	<0.00109	61.5	30-130	12.8	30	
Benzo(b)fluoranthene	0.104	0.00067	"	0.162	<0.000585	64.1	30-130	1.9	30	
Surrogate: Nitrobenzene-d5	42.7		"	0.325	159	42.7	29-110			
Surrogate: 2-Fluorobiphenyl	59		"	0.325	140	59	33-115			
Surrogate: 4-Terphenyl-d14	60.6		"	0.325	291	60.6	33-122			

<b>MS (L 86988-MS-L647321)</b>		<b>Source: 86988</b>			Prepared: 11/07/2022 Analyzed: 11/08/2022					
Indeno(1,2,3-cd)pyrene	0.106	0.00067	mg/Kg	0.167	<0.000627	63.4	30-130			
1-Methylnaphthalene	0.0877	0.00201	"	0.167	<0.00109	52.5	30-130			
Pyrene	0.0842	0.00067	"	0.167	<0.000643	50.4	30-130			
Naphthalene	0.0827	0.00201	"	0.167	<0.00145	49.5	30-130			
Fluorene	0.0946	0.00067	"	0.167	<0.000286	56.6	30-130			
Fluoranthene	0.102	0.00067	"	0.167	<0.000394	61	30-130			
Dibenz(a,h)anthracene	0.117	0.00067	"	0.167	<0.000614	70	30-130			

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Dan Coloccia  
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**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch L647321 - 3550B**

MS (L 86988-MS-L647321)	Source: 86988		Prepared: 11/07/2022 Analyzed: 11/08/2022							
Chrysene	0.1	0.00067	mg/Kg	0.167	<0.000624	59.8	30-130			
Benzo(b)fluoranthene	0.106	0.00067	"	0.167	<0.000585	63.4	30-130			
Benzo(a)pyrene	0.115	0.00067	"	0.167	<0.000468	68.8	30-130			
Benzo(a)anthracene	0.0957	0.00067	"	0.167	<0.000493	57.3	30-130			
Anthracene	0.0998	0.00067	"	0.167	<0.000334	59.7	30-130			
Acenaphthene	0.0879	0.00067	"	0.167	<0.000304	52.6	30-130			
Benzo(k)fluoranthene	0.108	0.00067	"	0.167	<0.000437	64.6	30-130			
2-Methylnaphthalene	0.0875	0.00201	"	0.167	<0.00194	52.3	30-130			
Surrogate: 2-Fluorobiphenyl	49.5		"	0.333	140	49.5	33-115			
Surrogate: 4-Terphenyl-d14	49.5		"	0.333	291	49.5	33-122			
Surrogate: Nitrobenzene-d5	45		"	0.333	159	45	29-110			

LCS (LCS-L647321)	Prepared: 11/07/2022 Analyzed: 11/08/2022									
Pyrene	0.0832	0.00067	mg/Kg	0.167		49.8	30-130			
Benzo(k)fluoranthene	0.109	0.00067	"	0.167		65.2	30-130			
Chrysene	0.0999	0.00067	"	0.167		59.8	30-130			
Dibenz(a,h)anthracene	0.121	0.00067	"	0.167		72.4	30-130			
Fluoranthene	0.0845	0.00067	"	0.167		50.5	30-130			
Fluorene	0.0958	0.00067	"	0.167		57.3	30-130			
Indeno(1,2,3-cd)pyrene	0.112	0.00067	"	0.167		67	30-130			
Benzo(b)fluoranthene	0.109	0.00067	"	0.167		65.2	30-130			
Acenaphthene	0.0886	0.00067	"	0.167		53	30-130			
Naphthalene	0.084	0.00201	"	0.167		50.2	30-130			
Anthracene	0.0994	0.00067	"	0.167		59.5	30-130			
2-Methylnaphthalene	0.09	0.00201	"	0.167		53.8	30-130			
1-Methylnaphthalene	0.0907	0.00201	"	0.167		54.3	30-130			
Benzo(a)anthracene	0.0969	0.00067	"	0.167		58	30-130			

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**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch L647321 - 3550B**

**LCS (LCS-L647321)**

Prepared: 11/07/2022 Analyzed: 11/08/2022

Benzo(a)pyrene	0.114	0.00067	mg/Kg	0.167		68.2	30-130			
Surrogate: Nitrobenzene-d5	48		"	0.333		48	29-110			
Surrogate: 4-Terphenyl-d14	54.6		"	0.333		54.6	33-122			
Surrogate: 2-Fluorobiphenyl	56.7		"	0.333		56.7	33-115			

**LRB (LRB-L647321)**

Prepared: 11/07/2022 Analyzed: 11/08/2022

Fluoranthene	ND	0.00067	mg/Kg				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Benzo(b)fluoranthene	ND	0.00067	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Chrysene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00201	"				-			
1-Methylnaphthalene	ND	0.00201	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Pyrene	ND	0.00067	"				-			
Naphthalene	ND	0.00201	"				-			
Surrogate: 2-Fluorobiphenyl	63.9		"	0.333		63.9	33-115			
Surrogate: Nitrobenzene-d5	51.6		"	0.333		51.6	29-110			
Surrogate: 4-Terphenyl-d14	84.9		"	0.333		84.9	33-122			

**Batch L648570 - 3550B**

**MSD (L 89579-MSD-L648570)**

Source: 89579

Prepared: 11/14/2022 Analyzed: 11/14/2022

Origins Laboratory, Inc.



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**PAH by 8270D SIM - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch L648570 - 3550B**

<b>MSD (L 89579-MSD-L648570)</b>		<b>Source: 89579</b>			Prepared: 11/14/2022 Analyzed: 11/14/2022					
Fluoranthene	0.103	0.00067	mg/Kg	0.166	<0.000394	62	30-130	4.7	30	
Pyrene	0.103	0.00067	"	0.166	<0.000643	62	30-130	2.8	30	
Naphthalene	0.0779	0.00201	"	0.166	<0.00145	46.9	30-130	11.3	30	
Fluorene	0.0906	0.00067	"	0.166	<0.000286	54.5	30-130	6.2	30	
Dibenz(a,h)anthracene	0.108	0.00067	"	0.166	<0.000614	65	30-130	0.9	30	
Chrysene	0.0926	0.00067	"	0.166	<0.000624	55.7	30-130	8.6	30	
Benzo(k)fluoranthene	0.085	0.00067	"	0.166	<0.000437	51.2	30-130	22.9	30	
Benzo(b)fluoranthene	0.0834	0.00067	"	0.166	<0.000585	50.2	30-130	12.2	30	
Indeno(1,2,3-cd)pyrene	0.103	0.00067	"	0.166	<0.000627	62	30-130	0.9	30	
1-Methylnaphthalene	0.0781	0.00201	"	0.166	<0.00109	47	30-130	13.8	30	
Benzo(a)pyrene	0.121	0.00067	"	0.166	<0.000468	72.8	30-130	3.2	30	
2-Methylnaphthalene	0.0789	0.00201	"	0.166	<0.00194	47.5	30-130	11.4	30	
Acenaphthene	0.0813	0.00067	"	0.166	<0.000304	48.9	30-130	10	30	
Anthracene	0.0918	0.00067	"	0.166	<0.000334	55.3	30-130	9.5	30	
Benzo(a)anthracene	0.0918	0.00067	"	0.166	<0.000493	55.3	30-130	10.5	30	
Surrogate: Nitrobenzene-d5	41.8		"	0.332	140	41.8	29-110			
Surrogate: 2-Fluorobiphenyl	49		"	0.332	156	49	33-115			
Surrogate: 4-Terphenyl-d14	62.6		"	0.332	185	62.6	33-122			

<b>MS (L 89579-MS-L648570)</b>		<b>Source: 89579</b>			Prepared: 11/14/2022 Analyzed: 11/14/2022					
Benzo(k)fluoranthene	0.107	0.00067	mg/Kg	0.162	<0.000437	66	30-130			
Acenaphthene	0.0899	0.00067	"	0.162	<0.000304	55.4	30-130			
Naphthalene	0.0873	0.00201	"	0.162	<0.00145	53.8	30-130			
Indeno(1,2,3-cd)pyrene	0.102	0.00067	"	0.162	<0.000627	62.9	30-130			
Fluorene	0.0964	0.00067	"	0.162	<0.000286	59.5	30-130			
Fluoranthene	0.108	0.00067	"	0.162	<0.000394	66.6	30-130			
Dibenz(a,h)anthracene	0.107	0.00067	"	0.162	<0.000614	66	30-130			

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**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch L648570 - 3550B**

<b>MS (L 89579-MS-L648570)</b>		<b>Source: 89579</b>			Prepared: 11/14/2022 Analyzed: 11/14/2022					
Chrysene	0.101	0.00067	mg/Kg	0.162	<0.000624	62.3	30-130			
Pyrene	0.106	0.00067	"	0.162	<0.000643	65.4	30-130			
Benzo(a)pyrene	0.125	0.00067	"	0.162	<0.000468	77.1	30-130			
Anthracene	0.101	0.00067	"	0.162	<0.000334	62.3	30-130			
2-Methylnaphthalene	0.0885	0.00201	"	0.162	<0.00194	54.6	30-130			
1-Methylnaphthalene	0.0897	0.00201	"	0.162	<0.00109	55.3	30-130			
Benzo(b)fluoranthene	0.0943	0.00067	"	0.162	<0.000585	58.2	30-130			
Benzo(a)anthracene	0.102	0.00067	"	0.162	<0.000493	62.9	30-130			
Surrogate: Nitrobenzene-d5	44.3		"	0.325	140	44.3	29-110			
Surrogate: 4-Terphenyl-d14	61.8		"	0.325	185	61.8	33-122			
Surrogate: 2-Fluorobiphenyl	52.9		"	0.325	156	52.9	33-115			

<b>LCS (LCS-L648570)</b>		Prepared: 11/14/2022 Analyzed: 11/14/2022								
Benzo(b)fluoranthene	0.0774	0.00067	mg/Kg	0.167		46.3	30-130			
Benzo(k)fluoranthene	0.0821	0.00067	"	0.167		49.1	30-130			
Chrysene	0.0879	0.00067	"	0.167		52.6	30-130			
Dibenz(a,h)anthracene	0.0939	0.00067	"	0.167		56.2	30-130			
Fluoranthene	0.0874	0.00067	"	0.167		52.3	30-130			
Pyrene	0.0858	0.00067	"	0.167		51.3	30-130			
Fluorene	0.0836	0.00067	"	0.167		50	30-130			
Naphthalene	0.0719	0.00201	"	0.167		43	30-130			
1-Methylnaphthalene	0.0804	0.00201	"	0.167		48.1	30-130			
Benzo(a)pyrene	0.0999	0.00067	"	0.167		59.8	30-130			
Indeno(1,2,3-cd)pyrene	0.0916	0.00067	"	0.167		54.8	30-130			
Anthracene	0.0864	0.00067	"	0.167		51.7	30-130			
Acenaphthene	0.0798	0.00067	"	0.167		47.7	30-130			
2-Methylnaphthalene	0.0794	0.00201	"	0.167		47.5	30-130			

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**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch L648570 - 3550B**

**LCS (LCS-L648570)**

Prepared: 11/14/2022 Analyzed: 11/14/2022

Benzo(a)anthracene	0.0851	0.00067	mg/Kg	0.167		50.9	30-130			
Surrogate: Nitrobenzene-d5	45.6		"	0.333		45.6	29-110			
Surrogate: 4-Terphenyl-d14	61.2		"	0.333		61.2	33-122			
Surrogate: 2-Fluorobiphenyl	56.1		"	0.333		56.1	33-115			

**LRB (LRB-L648570)**

Prepared: 11/14/2022 Analyzed: 11/14/2022

Indeno(1,2,3-cd)pyrene	ND	0.00067	mg/Kg				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Benzo(b)fluoranthene	ND	0.00067	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Chrysene	ND	0.00067	"				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Naphthalene	ND	0.00201	"				-			
Pyrene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00201	"				-			
1-Methylnaphthalene	ND	0.00201	"				-			
Acenaphthene	ND	0.00067	"				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Surrogate: Nitrobenzene-d5	49.5		"	0.333		49.5	29-110			
Surrogate: 4-Terphenyl-d14	66.9		"	0.333		66.9	33-122			
Surrogate: 2-Fluorobiphenyl	55.8		"	0.333		55.8	33-115			

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 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Total Metals by 7196 A - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch L647719 -</b>										
<b>DUP (L 87033-DUP)</b>		<b>Source: Y210756-04</b>			Prepared: Analyzed: 11/08/2022					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500		-	0	20	
<b>MS (L 87033-MS)</b>		<b>Source: Y210756-04</b>			Prepared: Analyzed: 11/08/2022					
Chromium, Hexavalent	33.7	2.5	mg/Kg	39	< 0.244	86	75-125			
<b>MSD (L 87033-MSD)</b>		<b>Source: Y210756-04</b>			Prepared: Analyzed: 11/08/2022					
Chromium, Hexavalent	615	52	mg/Kg	750	<25.4	82	75-125			
<b>Batch L648865 -</b>										
<b>DUP (L 89606-DUP)</b>		<b>Source: Y210756-21</b>			Prepared: Analyzed: 11/15/2022					
Chromium, Hexavalent	ND	0.512	mg/Kg		<0.512		-	0	20	
<b>MS (L 89606-MS)</b>		<b>Source: Y210756-21</b>			Prepared: Analyzed: 11/15/2022					
Chromium, Hexavalent	33.6	2.58	mg/Kg	41.2	< 0.244	82	75-125			
<b>MSD (L 89606-MSD)</b>		<b>Source: Y210756-21</b>			Prepared: Analyzed: 11/15/2022					
Chromium, Hexavalent	582	50	mg/Kg	693	<24.4	84	75-125			
<b>LCS (LCS)</b>					Prepared: Analyzed: 11/15/2022					
Chromium, Hexavalent	6.74	0.5	mg/Kg	8		84	75-125			
<b>LRB (LRB)</b>					Prepared: Analyzed: 11/15/2022					
Chromium, Hexavalent	ND	0.5	mg/Kg				-			

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Total Metals by 7196A - Quality Control**  
**Waypoint Analytical, LLC.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch L647718 -</b>										
<b>DUP (L 87032-DUP)</b>		<b>Source: Y210756-03</b>			Prepared: Analyzed: 11/08/2022					
Chromium, Hexavalent	ND	0.517	mg/Kg		<0.517		-	0	20	
<b>MS (L 87032-MS)</b>		<b>Source: Y210756-03</b>			Prepared: Analyzed: 11/08/2022					
Chromium, Hexavalent	34.4	2.52	mg/Kg	40.3	< 0.246	85	75-125			
<b>MSD (L 87032-MSD)</b>		<b>Source: Y210756-03</b>			Prepared: Analyzed: 11/08/2022					
Chromium, Hexavalent	593	51.4	mg/Kg	728	<25.1	81	75-125			
<b>Batch L648863 -</b>										
<b>DUP (L 89363-DUP)</b>		<b>Source: 89363</b>			Prepared: Analyzed: 11/15/2022					
Chromium, Hexavalent	ND	0.512	mg/Kg		<0.512		-	0	20	
<b>MS (L 89363-MS)</b>		<b>Source: 89363</b>			Prepared: Analyzed: 11/15/2022					
Chromium, Hexavalent	36.4	2.51	mg/Kg	40.1	< 0.244	91	75-125			
<b>MSD (L 89363-MSD)</b>		<b>Source: 89363</b>			Prepared: Analyzed: 11/15/2022					
Chromium, Hexavalent	538	50	mg/Kg	702	<24.4	77	75-125			

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Notes and Definitions**

- U Sample is Non-Detect.
  
  - S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
  
  - QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.
  
  - QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
  
  - QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
  
  - J Estimated Value. Analyte below reported quantitation limit.
  
  - ND Analyte NOT DETECTED at or above the reporting limit
  
  - RPD Relative Percent Difference
- All soil results are reported on a wet weight basis.

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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November 09, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - KMG - Berry Farms 30 31 32-8HZ O Project Number - [none]  
SA**

Attached are your analytical results for KMG - Berry Farms 30 31 32-8HZ O SA received by Origins Laboratory, Inc. November 02, 2022. This project is associated with Origins project number Y211059-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PW-B01@4'	Y211059-01	Soil	November 2, 2022 10:30	11/02/2022 12:45
PW-N01@2'	Y211059-02	Soil	November 2, 2022 10:32	11/02/2022 12:45
PW-BG05@2'	Y211059-03	Soil	November 2, 2022 10:45	11/02/2022 12:45
PW-BG05@4'	Y211059-04	Soil	November 2, 2022 10:47	11/02/2022 12:45
PW-BG06@2'	Y211059-05	Soil	November 2, 2022 10:55	11/02/2022 12:45
PW-BG06@4'	Y211059-06	Soil	November 2, 2022 10:57	11/02/2022 12:45

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

Origins Laboratory

F-012207-01-R1  
 Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: 4211059

Client: Eagle

Client Project ID: Berry Farms 30 31 32..

Checklist Completed by: FHS

Shipped Via: HD

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 11/2/12

Airbill #: NA

Matrix(s) Received: (Check all that apply):  Soil/Solid  Water  Other

Cooler Number/Temperature: 1 / 5.0 °C / 1 °C / 1 °C (Describe)

Thermometer ID: 7004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) / pH < 2 for samples preserved with HNO <sub>3</sub> , HCl, H <sub>2</sub> SO <sub>4</sub> / ( pH > 10 for samples preserved with Na <sub>2</sub> SO <sub>2</sub> +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup>If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

[Signature]  
 Reviewed by (Project Manager)

11/2/12  
 Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-B01@4'**

**11/2/2022 10:30:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.100	mg/L	1	B2K0303	KAP	11/03/2022	11/04/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2K0134	ADM	11/02/2022	11/02/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	U

Surrogate: *o*-Terphenyl 95.5 % 50-150 " " "

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2K0223	JSM	11/02/2022	11/03/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 76.8 % 70-130 " " "  
 Surrogate: Toluene-d8 112 % 70-130 " " "  
 Surrogate: 4-Bromofluorobenzene 96.2 % 70-130 " " "

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-B01@4'**

**11/2/2022 10:30:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-01 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	11/03/2022	11/04/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	ND	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	<b>8.12</b>		pH Units	1	B2K0312	HJD	11/03/2022	11/04/2022
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**SAR by 20B Saturated Paste**

SAR	<b>0.419</b>		SAR	1	B2K0307	KAP	11/03/2022	11/04/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	<b>0.107</b>	0.00500	mmhos/cm	1	B2K0312	HJD	11/03/2022	11/04/2022
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-N01@2'**

**11/2/2022 10:32:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-02 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	1.14	0.0996	mg/L	1	B2K0303	KAP	11/03/2022	11/04/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2K0134	ADM	11/02/2022	11/02/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	U

Surrogate: <i>o</i> -Terphenyl	93.2 %	50-150			"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2K0223	JSM	11/02/2022	11/03/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	100 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"	"	

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-N01@2'**

**11/2/2022 10:32:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-02 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	2.64	0.499	meq/L	10	[CALC]	KAP	11/03/2022	11/04/2022
Magnesium	2.20	0.823	"	"	"	KAP	"	"
Sodium	1.56	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	8.19		pH Units	1	B2K0312	HJD	11/03/2022	11/04/2022
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**SAR by 20B Saturated Paste**

SAR	1.00		SAR	1	B2K0307	KAP	11/03/2022	11/04/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.622	0.00500	mmhos/cm	1	B2K0312	HJD	11/03/2022	11/04/2022
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG05@2'**

**11/2/2022 10:45:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-03 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.0993	mg/L	1	B2K0303	KAP	11/03/2022	11/04/2022	
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**Metals by Saturated Paste by EPA 6010**

Calcium	1.53	0.499	meq/L	10	[CALC]	KAP	11/03/2022	11/04/2022	
Magnesium	1.44	0.823	"	"	"	KAP	"	"	
Sodium	2.90	0.435	"	"	"	KAP	"	"	

**pH in Soil by 9045D**

pH	8.36		pH Units	1	B2K0312	HJD	11/03/2022	11/04/2022	
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**SAR by 20B Saturated Paste**

SAR	2.38		SAR	1	B2K0307	KAP	11/03/2022	11/04/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.586	0.00500	mmhos/cm	1	B2K0312	HJD	11/03/2022	11/04/2022	
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG05@4'**

**11/2/2022 10:47:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-04 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	1.15	0.100	mg/L	1	B2K0303	KAP	11/03/2022	11/04/2022
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**Metals by Saturated Paste by EPA 6010**

Calcium	24.2	0.499	meq/L	10	[CALC]	KAP	11/03/2022	11/04/2022
Magnesium	34.5	0.823	"	"	"	KAP	"	"
Sodium	7.42	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	7.77		pH Units	1	B2K0312	HJD	11/03/2022	11/04/2022
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**SAR by 20B Saturated Paste**

SAR	1.37		SAR	1	B2K0307	KAP	11/03/2022	11/04/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	4.45	0.00500	mmhos/cm	1	B2K0312	HJD	11/03/2022	11/04/2022
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG06@2'**

**11/2/2022 10:55:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-05 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.743	0.0994	mg/L	1	B2K0303	KAP	11/03/2022	11/04/2022
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**Metals by Saturated Paste by EPA 6010**

Calcium	14.6	0.499	meq/L	10	[CALC]	KAP	11/03/2022	11/04/2022
Magnesium	11.8	0.823	"	"	"	KAP	"	"
Sodium	10.9	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	7.77		pH Units	1	B2K0312	HJD	11/03/2022	11/04/2022
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**SAR by 20B Saturated Paste**

SAR	3.01		SAR	1	B2K0307	KAP	11/03/2022	11/04/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	3.15	0.00500	mmhos/cm	1	B2K0312	HJD	11/03/2022	11/04/2022
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG06@4'**

**11/2/2022 10:57:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-06 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	1.84	0.0993	mg/L	1	B2K0303	KAP	11/03/2022	11/04/2022
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**Metals by Saturated Paste by EPA 6010**

Calcium	12.1	0.499	meq/L	10	[CALC]	KAP	11/03/2022	11/04/2022
Magnesium	33.0	0.823	"	"	"	KAP	"	"
Sodium	11.7	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	7.92		pH Units	1	B2K0312	HJD	11/03/2022	11/04/2022
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**SAR by 20B Saturated Paste**

SAR	2.47		SAR	1	B2K0307	KAP	11/03/2022	11/04/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	4.29	0.00500	mmhos/cm	1	B2K0312	HJD	11/03/2022	11/04/2022
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2K0134 - EPA 3580</b>										
<b>Blank (B2K0134-BLK1)</b>										
					Prepared: 11/02/2022 Analyzed: 11/02/2022					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	22		"	24.9		89.3	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0134 - EPA 3580**

**LCS (B2K0134-BS1)**

Prepared: 11/02/2022 Analyzed: 11/02/2022

Diesel (C10-C28)	928	50.0	mg/kg	1000		92.8	70-130			
Residual Range Organics (C28-C40)	1060	200	"	1000		106	70-130			
Surrogate: o-Terphenyl	50		"	49.8		99.7	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0134 - EPA 3580**

<b>Matrix Spike (B2K0134-MS1)</b>	<b>Source: Y211052-01</b>			Prepared: 11/02/2022 Analyzed: 11/02/2022						
Diesel (C10-C28)	871	50.0	mg/kg	1000	ND	87.1	70-130			
Residual Range Organics (C28-C40)	1030	200	"	1000	ND	103	70-130			
Surrogate: o-Terphenyl	58		"	49.8		117	50-150			

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0134 - EPA 3580**

<b>Matrix Spike Dup (B2K0134-MSD1)</b>	<b>Source: Y211052-01</b>		<b>Prepared: 11/02/2022 Analyzed: 11/02/2022</b>							
Diesel (C10-C28)	793	50.0	mg/kg	1000	ND	79.3	70-130	9.29	35	
Residual Range Organics (C28-C40)	864	200	"	1000	ND	86.4	70-130	17.3	35	
Surrogate: o-Terphenyl	41		"	49.8		82.1	50-150			

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0223 - EPA 5030 (soil)**

**Blank (B2K0223-BLK1)**

Prepared: 11/02/2022 Analyzed: 11/03/2022

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.094		"	0.125	74.8		70-130			
Surrogate: Toluene-d8	0.14		"	0.125	113		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	95.9		70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2K0223 - EPA 5030 (soil)

**LCS (B2K0223-BS1)**

Prepared: 11/02/2022 Analyzed: 11/04/2022

1,2,4-Trimethylbenzene	0.103	0.00200	mg/kg	0.100		103	70-130			
1,3,5-Trimethylbenzene	0.103	0.00200	"	0.100		103	70-130			
Benzene	0.111	0.00200	"	0.100		111	70-130			
Ethylbenzene	0.0958	0.00200	"	0.100		95.8	70-130			
Naphthalene	0.0983	0.00380	"	0.100		98.3	70-130			
Toluene	0.105	0.00200	"	0.100		105	70-130			
o-Xylene	0.0967	0.00200	"	0.100		96.7	70-130			
m,p-Xylene	0.171	0.00400	"	0.200		85.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		97.1	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.8	70-130			

Origins Laboratory, Inc.



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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0223 - EPA 5030 (soil)**

<b>Matrix Spike (B2K0223-MS1)</b>	<b>Source: Y211052-01</b>			<b>Prepared: 11/02/2022 Analyzed: 11/04/2022</b>						
1,2,4-Trimethylbenzene	0.102	0.00200	mg/kg	0.100	ND	102	70-130			
1,3,5-Trimethylbenzene	0.103	0.00200	"	0.100	ND	103	70-130			
Benzene	0.113	0.00200	"	0.100	ND	113	70-130			
Ethylbenzene	0.0988	0.00200	"	0.100	ND	98.8	70-130			
Naphthalene	0.0975	0.00380	"	0.100	ND	97.5	70-130			
Toluene	0.105	0.00200	"	0.100	ND	105	70-130			
o-Xylene	0.101	0.00200	"	0.100	ND	101	70-130			
m,p-Xylene	0.180	0.00400	"	0.200	ND	90.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.2	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.7	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2K0223 - EPA 5030 (soil)

Matrix Spike Dup (B2K0223-MSD1)	Source: Y211052-01	Prepared: 11/02/2022	Analyzed: 11/04/2022						
1,2,4-Trimethylbenzene	0.104	0.00200	mg/kg	0.100	ND	104	70-130	2.04	20
1,3,5-Trimethylbenzene	0.106	0.00200	"	0.100	ND	106	70-130	3.05	20
Benzene	0.113	0.00200	"	0.100	ND	113	70-130	0.0885	20
Ethylbenzene	0.106	0.00200	"	0.100	ND	106	70-130	7.25	20
Naphthalene	0.0992	0.00380	"	0.100	ND	99.2	70-130	1.79	20
Toluene	0.108	0.00200	"	0.100	ND	108	70-130	2.51	20
o-Xylene	0.108	0.00200	"	0.100	ND	108	70-130	6.62	20
m,p-Xylene	0.191	0.00400	"	0.200	ND	95.6	70-130	6.04	20
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.4	70-130		
Surrogate: Toluene-d8	0.12		"	0.125		97.1	70-130		
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130		

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0303 - DTPA Sorbitol Preparation**

**Blank (B2K0303-BLK1)**

Prepared: 11/03/2022 Analyzed: 11/04/2022

Boron ND 0.100 mg/L

**Duplicate (B2K0303-DUP1)**

Source: Y211059-01

Prepared: 11/03/2022 Analyzed: 11/04/2022

Boron ND 0.100 mg/L ND 50

**Batch B2K0307 - Saturated Paste Metals**

**Blank (B2K0307-BLK1)**

Prepared: 11/03/2022 Analyzed: 11/04/2022

SAR 0.00 SAR

Calcium PPM ND 10.0 mg/L

Magnesium PPM ND 10.0 "

Sodium PPM ND 10.0 "

**Duplicate (B2K0307-DUP1)**

Source: Y211059-01

Prepared: 11/03/2022 Analyzed: 11/04/2022

SAR 0.00 SAR 0.419 200 200

Calcium PPM 4.86 10.0 mg/L 5.92 19.7 50

Magnesium PPM 3.80 10.0 " 4.14 8.60 50

Sodium PPM 4.83 10.0 " 5.43 11.7 50

Origins Laboratory, Inc.



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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Saturated Paste - Quality Control  
 Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0312 - Saturated Paste Metals**

**Blank (B2K0312-BLK1)**

Prepared: 11/03/2022 Analyzed: 11/04/2022

Specific Conductance (EC) ND 0.00500 mmhos/cm

**Duplicate (B2K0312-DUP1)**

**Source: Y211059-01**

Prepared: 11/03/2022 Analyzed: 11/04/2022

Specific Conductance (EC)	0.110	0.00500	mmhos/cm		0.107			2.68	25	
pH	7.81		pH Units		8.12			3.89	25	

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

---

**Notes and Definitions**

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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December 06, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - KMG - Berry Farms 30 31 32-8HZ O Project Number - [none]  
SA**

Attached are your analytical results for KMG - Berry Farms 30 31 32-8HZ O SA received by Origins Laboratory, Inc. November 02, 2022. This project is associated with Origins project number Y211059-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PW-B01@4'	Y211059-01	Soil	November 2, 2022 10:30	11/02/2022 12:45
PW-N01@2'	Y211059-02	Soil	November 2, 2022 10:32	11/02/2022 12:45
PW-BG05@2'	Y211059-03	Soil	November 2, 2022 10:45	11/02/2022 12:45
PW-BG05@4'	Y211059-04	Soil	November 2, 2022 10:47	11/02/2022 12:45
PW-BG06@2'	Y211059-05	Soil	November 2, 2022 10:55	11/02/2022 12:45
PW-BG06@4'	Y211059-06	Soil	November 2, 2022 10:57	11/02/2022 12:45

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

Origins Laboratory

F-012207-01-R1  
Effective Date: 01/09/12

**Sample Receipt Checklist**

Origins Work Order: 4211059

Client: Eagle

Client Project ID: Berry Farms 30 31 32

Checklist Completed by: FLS

Shipped Via: HD  
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 11/2/22

Airbill #: NA

Matrix(s) Received: (Check all that apply):  Soil/Solid  Water  Other: \_\_\_\_\_

Cooler Number/Temperature: 1 / 5.0 °C 1 °C 1 °C (Describe) \_\_\_\_\_ °C

Thermometer ID: 7009

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? <b>If yes, contact client and note in narrative.</b>			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) / (pH < 2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH > 10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup>If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager): [Signature] Date/Time Reviewed: 11/2/22

Origins Laboratory, Inc.

*[Signature]*

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-B01@4'**

**11/2/2022 10:30:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.100	mg/L	1	B2K0303	KAP	11/03/2022	11/04/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2K0134	ADM	11/02/2022	11/02/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	U

Surrogate: *o*-Terphenyl 95.5 % 50-150 " " "

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2K0223	JSM	11/02/2022	11/03/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 76.8 % 70-130 " " "  
 Surrogate: Toluene-d8 112 % 70-130 " " "  
 Surrogate: 4-Bromofluorobenzene 96.2 % 70-130 " " "

Origins Laboratory, Inc.



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-B01@4'**

**11/2/2022 10:30:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-01 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	11/03/2022	11/04/2022
Magnesium	ND	0.823	"	"	"	KAP	"	"
Sodium	ND	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	<b>8.12</b>		pH Units	1	B2K0312	HJD	11/03/2022	11/04/2022
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**SAR by 20B Saturated Paste**

SAR	<b>0.419</b>		SAR	1	B2K0307	KAP	11/03/2022	11/04/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	<b>0.107</b>	0.00500	mmhos/cm	1	B2K0312	HJD	11/03/2022	11/04/2022
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Origins Laboratory, Inc.



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-N01@2'**

**11/2/2022 10:32:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-02 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	1.14	0.0996	mg/L	1	B2K0303	KAP	11/03/2022	11/04/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2K0134	ADM	11/02/2022	11/02/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	U

Surrogate: <i>o</i> -Terphenyl	93.2 %	50-150			"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2K0223	JSM	11/02/2022	11/03/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	100 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"	"	

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-N01@2'**

**11/2/2022 10:32:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-02 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	2.64	0.499	meq/L	10	[CALC]	KAP	11/03/2022	11/04/2022
Magnesium	2.20	0.823	"	"	"	KAP	"	"
Sodium	1.56	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	8.19		pH Units	1	B2K0312	HJD	11/03/2022	11/04/2022
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**SAR by 20B Saturated Paste**

SAR	1.00		SAR	1	B2K0307	KAP	11/03/2022	11/04/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.622	0.00500	mmhos/cm	1	B2K0312	HJD	11/03/2022	11/04/2022
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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG05@2'**

**11/2/2022 10:45:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-03 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.0993	mg/L	1	B2K0303	KAP	11/03/2022	11/04/2022	
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**Metals by Saturated Paste by EPA 6010**

Calcium	1.53	0.499	meq/L	10	[CALC]	KAP	11/03/2022	11/04/2022	
Magnesium	1.44	0.823	"	"	"	KAP	"	"	
Sodium	2.90	0.435	"	"	"	KAP	"	"	

**pH in Soil by 9045D**

pH	8.36		pH Units	1	B2K0312	HJD	11/03/2022	11/04/2022	
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**SAR by 20B Saturated Paste**

SAR	2.38		SAR	1	B2K0307	KAP	11/03/2022	11/04/2022	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.586	0.00500	mmhos/cm	1	B2K0312	HJD	11/03/2022	11/04/2022	
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**Table 915 metals by EPA 6020B**

Arsenic	2.12	0.0912	mg/kg	10	B2K3003	CNG	11/30/2022	12/01/2022	
Copper	ND	9.12	"	"	"	CNG	"	"	
Selenium	0.175	0.0912	"	"	"	CNG	"	"	

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG05@4'**

**11/2/2022 10:47:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-04 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	1.15	0.100	mg/L	1	B2K0303	KAP	11/03/2022	11/04/2022
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**Metals by Saturated Paste by EPA 6010**

Calcium	24.2	0.499	meq/L	10	[CALC]	KAP	11/03/2022	11/04/2022
Magnesium	34.5	0.823	"	"	"	KAP	"	"
Sodium	7.42	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	7.77		pH Units	1	B2K0312	HJD	11/03/2022	11/04/2022
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**SAR by 20B Saturated Paste**

SAR	1.37		SAR	1	B2K0307	KAP	11/03/2022	11/04/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	4.45	0.00500	mmhos/cm	1	B2K0312	HJD	11/03/2022	11/04/2022
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**Table 915 metals by EPA 6020B**

Arsenic	4.96	0.0943	mg/kg	10	B2K3003	CNG	11/30/2022	12/01/2022
Copper	ND	9.43	"	"	"	CNG	"	"
Selenium	0.255	0.0943	"	"	"	CNG	"	"

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG06@2'**

**11/2/2022 10:55:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-05 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.743	0.0994	mg/L	1	B2K0303	KAP	11/03/2022	11/04/2022
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**Metals by Saturated Paste by EPA 6010**

Calcium	14.6	0.499	meq/L	10	[CALC]	KAP	11/03/2022	11/04/2022
Magnesium	11.8	0.823	"	"	"	KAP	"	"
Sodium	10.9	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	7.77		pH Units	1	B2K0312	HJD	11/03/2022	11/04/2022
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**SAR by 20B Saturated Paste**

SAR	3.01		SAR	1	B2K0307	KAP	11/03/2022	11/04/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	3.15	0.00500	mmhos/cm	1	B2K0312	HJD	11/03/2022	11/04/2022
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**Table 915 metals by EPA 6020B**

Arsenic	3.52	0.0973	mg/kg	10	B2K3003	CNG	11/30/2022	12/01/2022
Copper	11.0	9.73	"	"	"	CNG	"	"
Selenium	0.220	0.0973	"	"	"	CNG	"	"

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-BG06@4'**

**11/2/2022 10:57:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211059-06 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	1.84	0.0993	mg/L	1	B2K0303	KAP	11/03/2022	11/04/2022
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**Metals by Saturated Paste by EPA 6010**

Calcium	12.1	0.499	meq/L	10	[CALC]	KAP	11/03/2022	11/04/2022
Magnesium	33.0	0.823	"	"	"	KAP	"	"
Sodium	11.7	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	7.92		pH Units	1	B2K0312	HJD	11/03/2022	11/04/2022
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**SAR by 20B Saturated Paste**

SAR	2.47		SAR	1	B2K0307	KAP	11/03/2022	11/04/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	4.29	0.00500	mmhos/cm	1	B2K0312	HJD	11/03/2022	11/04/2022
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**Table 915 metals by EPA 6020B**

Arsenic	5.67	0.0927	mg/kg	10	B2K3003	CNG	11/30/2022	12/01/2022
Copper	ND	9.27	"	"	"	CNG	"	"
Selenium	0.182	0.0927	"	"	"	CNG	"	"

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2K0134 - EPA 3580</b>										
<b>Blank (B2K0134-BLK1)</b>										
					Prepared: 11/02/2022 Analyzed: 11/02/2022					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	22		"	24.9		89.3	50-150			

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0134 - EPA 3580**

**LCS (B2K0134-BS1)**

Prepared: 11/02/2022 Analyzed: 11/02/2022

Diesel (C10-C28)	928	50.0	mg/kg	1000		92.8	70-130			
Residual Range Organics (C28-C40)	1060	200	"	1000		106	70-130			
Surrogate: o-Terphenyl	50		"	49.8		99.7	50-150			

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0134 - EPA 3580**

<b>Matrix Spike (B2K0134-MS1)</b>	<b>Source: Y211052-01</b>		<b>Prepared: 11/02/2022 Analyzed: 11/02/2022</b>							
Diesel (C10-C28)	871	50.0	mg/kg	1000	ND	87.1	70-130			
Residual Range Organics (C28-C40)	1030	200	"	1000	ND	103	70-130			
Surrogate: o-Terphenyl	58		"	49.8		117	50-150			

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0134 - EPA 3580**

<b>Matrix Spike Dup (B2K0134-MSD1)</b>	<b>Source: Y211052-01</b>			<b>Prepared: 11/02/2022 Analyzed: 11/02/2022</b>						
Diesel (C10-C28)	793	50.0	mg/kg	1000	ND	79.3	70-130	9.29	35	
Residual Range Organics (C28-C40)	864	200	"	1000	ND	86.4	70-130	17.3	35	
Surrogate: o-Terphenyl	41		"	49.8		82.1	50-150			

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0223 - EPA 5030 (soil)**

**Blank (B2K0223-BLK1)**

Prepared: 11/02/2022 Analyzed: 11/03/2022

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.094		"	0.125	74.8		70-130			
Surrogate: Toluene-d8	0.14		"	0.125	113		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	95.9		70-130			

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0223 - EPA 5030 (soil)**

**LCS (B2K0223-BS1)**

Prepared: 11/02/2022 Analyzed: 11/04/2022

1,2,4-Trimethylbenzene	0.103	0.00200	mg/kg	0.100		103	70-130			
1,3,5-Trimethylbenzene	0.103	0.00200	"	0.100		103	70-130			
Benzene	0.111	0.00200	"	0.100		111	70-130			
Ethylbenzene	0.0958	0.00200	"	0.100		95.8	70-130			
Naphthalene	0.0983	0.00380	"	0.100		98.3	70-130			
Toluene	0.105	0.00200	"	0.100		105	70-130			
o-Xylene	0.0967	0.00200	"	0.100		96.7	70-130			
m,p-Xylene	0.171	0.00400	"	0.200		85.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		97.1	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.8	70-130			

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2K0223 - EPA 5030 (soil)

Matrix Spike (B2K0223-MS1)	Source: Y211052-01			Prepared: 11/02/2022 Analyzed: 11/04/2022						
1,2,4-Trimethylbenzene	0.102	0.00200	mg/kg	0.100	ND	102	70-130			
1,3,5-Trimethylbenzene	0.103	0.00200	"	0.100	ND	103	70-130			
Benzene	0.113	0.00200	"	0.100	ND	113	70-130			
Ethylbenzene	0.0988	0.00200	"	0.100	ND	98.8	70-130			
Naphthalene	0.0975	0.00380	"	0.100	ND	97.5	70-130			
Toluene	0.105	0.00200	"	0.100	ND	105	70-130			
o-Xylene	0.101	0.00200	"	0.100	ND	101	70-130			
m,p-Xylene	0.180	0.00400	"	0.200	ND	90.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.2	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.7	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2K0223 - EPA 5030 (soil)

Matrix Spike Dup (B2K0223-MSD1)	Source: Y211052-01	Prepared: 11/02/2022	Analyzed: 11/04/2022						
1,2,4-Trimethylbenzene	0.104	0.00200	mg/kg	0.100	ND	104	70-130	2.04	20
1,3,5-Trimethylbenzene	0.106	0.00200	"	0.100	ND	106	70-130	3.05	20
Benzene	0.113	0.00200	"	0.100	ND	113	70-130	0.0885	20
Ethylbenzene	0.106	0.00200	"	0.100	ND	106	70-130	7.25	20
Naphthalene	0.0992	0.00380	"	0.100	ND	99.2	70-130	1.79	20
Toluene	0.108	0.00200	"	0.100	ND	108	70-130	2.51	20
o-Xylene	0.108	0.00200	"	0.100	ND	108	70-130	6.62	20
m,p-Xylene	0.191	0.00400	"	0.200	ND	95.6	70-130	6.04	20
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.4	70-130		
Surrogate: Toluene-d8	0.12		"	0.125		97.1	70-130		
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130		

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K3003 - EPA 3050B**

**Blank (B2K3003-BLK1)**

Prepared: 11/30/2022 Analyzed: 12/01/2022

Arsenic	ND	0.000100	mg/kg							
Copper	ND	0.0100	"							
Selenium	ND	0.000100	"							

**LCS (B2K3003-BS1)**

Prepared: 11/30/2022 Analyzed: 12/01/2022

Arsenic	0.0483	0.000100	mg/kg	0.0500		96.6	80-120			
Copper	0.513	0.0100	"	0.500		103	80-120			
Selenium	0.0466	0.000100	"	0.0500		93.2	80-120			

**Matrix Spike (B2K3003-MS1)**

Source: Y211609-02

Prepared: 11/30/2022 Analyzed: 12/01/2022

Arsenic	8.91	0.0938	mg/kg	4.69	3.90	107	75-125			
Copper	49.4	9.38	"	46.9	1.17	103	75-125			
Selenium	4.61	0.0938	"	4.69	0.113	95.8	75-125			

**Matrix Spike Dup (B2K3003-MSD1)**

Source: Y211609-02

Prepared: 11/30/2022 Analyzed: 12/01/2022

Arsenic	8.78	0.0973	mg/kg	4.87	3.90	100	75-125	1.37	20	
Copper	50.1	9.73	"	48.7	1.17	101	75-125	1.50	20	
Selenium	4.26	0.0973	"	4.87	0.113	85.2	75-125	7.96	20	

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0303 - DTPA Sorbitol Preparation**

**Blank (B2K0303-BLK1)**

Prepared: 11/03/2022 Analyzed: 11/04/2022

Boron ND 0.100 mg/L

**Duplicate (B2K0303-DUP1)**

**Source: Y211059-01**

Prepared: 11/03/2022 Analyzed: 11/04/2022

Boron ND 0.100 mg/L ND 50

**Batch B2K0307 - Saturated Paste Metals**

**Blank (B2K0307-BLK1)**

Prepared: 11/03/2022 Analyzed: 11/04/2022

SAR 0.00 SAR

Calcium PPM ND 10.0 mg/L

Magnesium PPM ND 10.0 "

Sodium PPM ND 10.0 "

**Duplicate (B2K0307-DUP1)**

**Source: Y211059-01**

Prepared: 11/03/2022 Analyzed: 11/04/2022

SAR 0.00 SAR 0.419 200 200

Calcium PPM 4.86 10.0 mg/L 5.92 19.7 50

Magnesium PPM 3.80 10.0 " 4.14 8.60 50

Sodium PPM 4.83 10.0 " 5.43 11.7 50

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Saturated Paste - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0312 - Saturated Paste Metals**

**Blank (B2K0312-BLK1)**

Prepared: 11/03/2022 Analyzed: 11/04/2022

Specific Conductance (EC) ND 0.00500 mmhos/cm

**Duplicate (B2K0312-DUP1)**

**Source: Y211059-01**

Prepared: 11/03/2022 Analyzed: 11/04/2022

Specific Conductance (EC)	0.110	0.00500	mmhos/cm		0.107			2.68	25	
pH	7.81		pH Units		8.12			3.89	25	

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

---

**Notes and Definitions**

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



November 08, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - KMG - Berry Farms 30 31 32-8HZ O Project Number - [none]  
SA**

Attached are your analytical results for KMG - Berry Farms 30 31 32-8HZ O SA received by Origins Laboratory, Inc. November 07, 2022. This project is associated with Origins project number Y211174-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SEP-B05@1.5'	Y211174-01	Soil	November 7, 2022 14:30	11/07/2022 16:10

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Jen Pellegrini, Project Manager



Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

Origins Laboratory F-012207-01-R1  
Effective Date: 01/09/12

**Sample Receipt Checklist**

Origins Work Order: 421174 Client: Eagle Environmental  
 Client Project ID: Berry Farms

Checklist Completed by: ISM/OG Shipped Via: KD  
(UPS, FedEx, Hand Delivered, Pick-up, etc.)  
 Date/time completed: 11/7/22 Airbill #: N/A

Matrix(s) Received: (Check all that apply):  Soil/Solid  Water  Other: \_\_\_\_\_  
(Describe)

Cooler Number/Temperature: 1, 5.2 °C  °C  °C  °C

Thermometer ID: T004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	X			
Is there ice present (document if blue ice is used)	X			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		X		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		X		
Were all samples received intact <sup>(1)</sup> ?	X			
Was adequate sample volume provided <sup>(1)</sup> ?	X			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		X		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	X			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	X			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	X			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	X			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			X	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH < 2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH > 10 for samples preserved with Na <sub>2</sub> AsO <sub>2</sub> +NaOH, ZnAc+NaOH)			X	
Additional Comments (if any):				

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

 11/07/2022  
 Reviewed by (Project Manager) Date/Time Reviewed

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B05@1.5'**  
**11/7/2022 2:30:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211174-01 (Soil)**

**GBTEX+TMBs by 8260D**

Naphthalene	ND	0.00380	mg/kg	1	B2K0719	JSM	11/07/2022	11/08/2022	U
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	93.2 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	87.2 %	70-130			"	"	"	"	

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Jen Pellegrini, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0719 - EPA 5030 (soil)**

**Blank (B2K0719-BLK1)**

Prepared: 11/07/2022 Analyzed: 11/07/2022

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125	103		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	100		70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	103		70-130			

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0719 - EPA 5030 (soil)**

**LCS (B2K0719-BS1)**

Prepared: 11/07/2022 Analyzed: 11/07/2022

1,2,4-Trimethylbenzene	0.107	0.00200	mg/kg	0.100		107	70-130			
1,3,5-Trimethylbenzene	0.105	0.00200	"	0.100		105	70-130			
Benzene	0.0928	0.00200	"	0.100		92.8	70-130			
Ethylbenzene	0.111	0.00200	"	0.100		111	70-130			
Naphthalene	0.0979	0.00380	"	0.100		97.9	70-130			
Toluene	0.0996	0.00200	"	0.100		99.6	70-130			
o-Xylene	0.0965	0.00200	"	0.100		96.5	70-130			
m,p-Xylene	0.215	0.00400	"	0.200		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		104	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Jen Pellegrini, Project Manager

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0719 - EPA 5030 (soil)**

Matrix Spike (B2K0719-MS1)	Source: Y211166-01			Prepared: 11/07/2022 Analyzed: 11/07/2022						
1,2,4-Trimethylbenzene	0.0930	0.00200	mg/kg	0.100	ND	93.0	70-130			
1,3,5-Trimethylbenzene	0.0908	0.00200	"	0.100	ND	90.8	70-130			
Benzene	0.0987	0.00200	"	0.100	ND	98.7	70-130			
Ethylbenzene	0.105	0.00200	"	0.100	ND	105	70-130			
Naphthalene	0.0866	0.00380	"	0.100	ND	86.6	70-130			
Toluene	0.0984	0.00200	"	0.100	ND	98.4	70-130			
o-Xylene	0.103	0.00200	"	0.100	ND	103	70-130			
m,p-Xylene	0.211	0.00400	"	0.200	ND	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		104	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		104	70-130			

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0719 - EPA 5030 (soil)**

Matrix Spike Dup (B2K0719-MSD1)	Source: Y211166-01			Prepared: 11/07/2022 Analyzed: 11/07/2022						
1,2,4-Trimethylbenzene	0.0897	0.00200	mg/kg	0.100	ND	89.7	70-130	3.57	20	
1,3,5-Trimethylbenzene	0.0878	0.00200	"	0.100	ND	87.8	70-130	3.41	20	
Benzene	0.0948	0.00200	"	0.100	ND	94.8	70-130	4.09	20	
Ethylbenzene	0.102	0.00200	"	0.100	ND	102	70-130	3.19	20	
Naphthalene	0.0866	0.00380	"	0.100	ND	86.6	70-130	0.0924	20	
Toluene	0.0958	0.00200	"	0.100	ND	95.8	70-130	2.68	20	
o-Xylene	0.101	0.00200	"	0.100	ND	101	70-130	2.19	20	
m,p-Xylene	0.205	0.00400	"	0.200	ND	103	70-130	2.75	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		106	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

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### Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

---

Jen Pellegrini, Project Manager

November 16, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - KMG - Berry Farms 30 31 32-8HZ O Project Number - [none]  
SA**

Attached are your analytical results for KMG - Berry Farms 30 31 32-8HZ O SA received by Origins Laboratory, Inc. November 07, 2022. This project is associated with Origins project number Y211174-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SEP-B05@1.5'	Y211174-01	Soil	November 7, 2022 14:30	11/07/2022 16:10

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

Origins Laboratory

F-012207-01-R1  
Effective Date: 01/09/12

**Sample Receipt Checklist**

Origins Work Order: 421174 Client: Eagle Environmental  
 Client Project: Berry Farms

Checklist Completed by: JKH/OG Shipped Via: HD  
(UPS, FedEx, Hand Delivered, Pick up, etc.)

Date/Time completed: 11/7/12 Airbill #: n/a

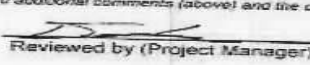
Matrix(s) Received: (Check all that apply)  Soil/Solid  Water  Other \_\_\_\_\_

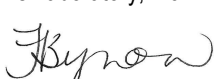
Cooler Number/Temperature: 1, 5.2c \_\_\_\_\_ °C \_\_\_\_\_ °C (Describe) \_\_\_\_\_ °C

Thermometer ID: T004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	X			
Is there ice present (document if blue ice is used)	X			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		X		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		X		
Were all samples received intact <sup>(1)</sup> ?	X			
Was adequate sample volume provided <sup>(1)</sup> ?	X			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		X		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	X			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	X			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	X			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	X			
For volatiles in water – is there headspace (> 1/4 inch bubble) present? If yes, contact client and note in narrative.			X	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analysis in order to insure sample integrity) (pH < 2 for samples preserved with HNO <sub>3</sub> , HCl, H <sub>2</sub> SO <sub>4</sub> ) / (pH > 10 for samples preserved with Na <sub>2</sub> SO <sub>3</sub> +NaOH, ZnAc+NaOH)			X	
Additional Comments (if any):				

<sup>(1)</sup> If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to be taken in the additional comments (above) and the case narrative.

 Reviewed by (Project Manager)
 11/07/2012  
 Date/Time Reviewed

Origins Laboratory, Inc.  


The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**SEP-B05@1.5'**  
**11/7/2022 2:30:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211174-01 (Soil)**

**GBTEX+TMBs by 8260D**

Naphthalene	ND	0.00380	mg/kg	1	B2K0719	JSM	11/07/2022	11/08/2022	U
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	93.2 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	87.2 %	70-130			"	"	"	"	

**Table 915 metals by EPA 6020B**

Arsenic	<b>3.98</b>	0.0922	mg/kg	10	B2K1114	C H	11/11/2022	11/14/2022	
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Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0719 - EPA 5030 (soil)**

**Blank (B2K0719-BLK1)**

Prepared: 11/07/2022 Analyzed: 11/07/2022

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125	103		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	100		70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	103		70-130			

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K0719 - EPA 5030 (soil)**

**LCS (B2K0719-BS1)**

Prepared: 11/07/2022 Analyzed: 11/07/2022

1,2,4-Trimethylbenzene	0.107	0.00200	mg/kg	0.100		107	70-130			
1,3,5-Trimethylbenzene	0.105	0.00200	"	0.100		105	70-130			
Benzene	0.0928	0.00200	"	0.100		92.8	70-130			
Ethylbenzene	0.111	0.00200	"	0.100		111	70-130			
Naphthalene	0.0979	0.00380	"	0.100		97.9	70-130			
Toluene	0.0996	0.00200	"	0.100		99.6	70-130			
o-Xylene	0.0965	0.00200	"	0.100		96.5	70-130			
m,p-Xylene	0.215	0.00400	"	0.200		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		104	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2K0719 - EPA 5030 (soil)

Matrix Spike (B2K0719-MS1)	Source: Y211166-01			Prepared: 11/07/2022 Analyzed: 11/07/2022						
1,2,4-Trimethylbenzene	0.0930	0.00200	mg/kg	0.100	ND	93.0	70-130			
1,3,5-Trimethylbenzene	0.0908	0.00200	"	0.100	ND	90.8	70-130			
Benzene	0.0987	0.00200	"	0.100	ND	98.7	70-130			
Ethylbenzene	0.105	0.00200	"	0.100	ND	105	70-130			
Naphthalene	0.0866	0.00380	"	0.100	ND	86.6	70-130			
Toluene	0.0984	0.00200	"	0.100	ND	98.4	70-130			
o-Xylene	0.103	0.00200	"	0.100	ND	103	70-130			
m,p-Xylene	0.211	0.00400	"	0.200	ND	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		104	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		104	70-130			

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2K0719 - EPA 5030 (soil)

Matrix Spike Dup (B2K0719-MSD1)	Source: Y211166-01			Prepared: 11/07/2022 Analyzed: 11/07/2022						
1,2,4-Trimethylbenzene	0.0897	0.00200	mg/kg	0.100	ND	89.7	70-130	3.57	20	
1,3,5-Trimethylbenzene	0.0878	0.00200	"	0.100	ND	87.8	70-130	3.41	20	
Benzene	0.0948	0.00200	"	0.100	ND	94.8	70-130	4.09	20	
Ethylbenzene	0.102	0.00200	"	0.100	ND	102	70-130	3.19	20	
Naphthalene	0.0866	0.00380	"	0.100	ND	86.6	70-130	0.0924	20	
Toluene	0.0958	0.00200	"	0.100	ND	95.8	70-130	2.68	20	
o-Xylene	0.101	0.00200	"	0.100	ND	101	70-130	2.19	20	
m,p-Xylene	0.205	0.00400	"	0.200	ND	103	70-130	2.75	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		106	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1114 - EPA 3050B**

**Blank (B2K1114-BLK1)**

Prepared: 11/11/2022 Analyzed: 11/14/2022

Arsenic	ND	0.000100	mg/kg							U
Barium	ND	0.0100	"							U
Cadmium	ND	0.000100	"							U
Copper	ND	0.0100	"							U
Lead	ND	0.0100	"							U
Nickel	ND	0.0100	"							U
Selenium	ND	0.000100	"							U
Silver	ND	0.000100	"							U
Zinc	ND	0.100	"							U

**LCS (B2K1114-BS1)**

Prepared: 11/11/2022 Analyzed: 11/14/2022

Arsenic	0.0480	0.000100	mg/kg	0.0500		95.9	80-120			
Barium	4.79	0.0100	"	5.00		95.8	80-120			
Cadmium	0.0524	0.000100	"	0.0500		105	80-120			
Copper	0.519	0.0100	"	0.500		104	80-120			
Lead	0.0494	0.0100	"	0.0500		98.9	80-120			
Nickel	0.0518	0.0100	"	0.0500		104	80-120			
Selenium	0.0473	0.000100	"	0.0500		94.6	80-120			
Silver	0.0541	0.000100	"	0.0500		108	80-120			
Zinc	0.502	0.100	"	0.500		100	80-120			

**Matrix Spike (B2K1114-MS1)**

Source: Y211174-01

Prepared: 11/11/2022 Analyzed: 11/14/2022

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1114 - EPA 3050B**

<b>Matrix Spike (B2K1114-MS1)</b>		<b>Source: Y211174-01</b>			<b>Prepared: 11/11/2022 Analyzed: 11/14/2022</b>					
Arsenic	8.05	0.0973	mg/kg	4.86	3.98	83.6	75-125			
Barium	795	9.73	"	486	658	28.2	75-125			M-07
Cadmium	5.24	0.0973	"	4.86	0.151	105	75-125			
Copper	58.8	9.73	"	48.6	9.90	101	75-125			
Lead	13.9	9.73	"	4.86	8.41	113	75-125			
Nickel	13.8	9.73	"	4.86	10.2	74.9	75-125			M-07
Selenium	4.43	0.0973	"	4.86	0.212	86.6	75-125			
Silver	5.13	0.0973	"	4.86	0.0507	104	75-125			
Zinc	148	97.3	"	48.6	276	NR	75-125			M-07
<b>Matrix Spike Dup (B2K1114-MSD1)</b>		<b>Source: Y211174-01</b>			<b>Prepared: 11/11/2022 Analyzed: 11/14/2022</b>					
Arsenic	9.07	0.0970	mg/kg	4.85	3.98	105	75-125	12.0	20	
Barium	832	9.70	"	485	658	35.9	75-125	4.51	20	M-07
Cadmium	5.21	0.0970	"	4.85	0.151	104	75-125	0.459	20	
Copper	57.8	9.70	"	48.5	9.90	98.8	75-125	1.68	20	
Lead	13.9	9.70	"	4.85	8.41	114	75-125	0.274	20	
Nickel	14.7	9.70	"	4.85	10.2	92.7	75-125	5.96	20	
Selenium	4.71	0.0970	"	4.85	0.212	92.8	75-125	6.28	20	
Silver	5.24	0.0970	"	4.85	0.0507	107	75-125	2.20	20	
Zinc	114	97.0	"	48.5	276	NR	75-125	26.2	20	M-07, R-DUP

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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

### Notes and Definitions

U Sample is Non-Detect.

R-DUP RPD exceeds C acceptance criteria, this indicates source sample is not homogenous.

M-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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November 28, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - KMG - Berry Farms 30 31 32-8HZ O Project Number - [none]  
SA**

Attached are your analytical results for KMG - Berry Farms 30 31 32-8HZ O SA received by Origins Laboratory, Inc. November 16, 2022. This project is associated with Origins project number Y211413-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PW-B02@5'	Y211413-01	Soil	November 16, 2022 9:35	11/16/2022 12:10
AST-B03@1.25'	Y211413-02	Soil	November 16, 2022 9:40	11/16/2022 12:10
SEP-B17@1'	Y211413-03	Soil	November 16, 2022 9:45	11/16/2022 12:10
SEP-B18@1'	Y211413-04	Soil	November 16, 2022 9:42	11/16/2022 12:10

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

**ORIGINS**  
 LABORATORY, INC

12114413

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page 1 of 1

Client: Eagle Environmental (244)  
 Address: 4800 W 44th Ave  
 Wheat Ridge, CO 80033  
 Telephone Number: 303-433-1322  
 Email Address: dcoloccia@eagle-env.com  
 Project Manager: D Coloccia  
 Project Name: Berry Farms 30 31 32-8HZ O SA  
 Project Number: -  
 Samples Collected By: MDS

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix			Analysis			Sample Instructions												
				Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air Summa Canister #	Other	BEAN		TPH	EC	PH	SAR	BCOD							
451 - B3011	11/16/12	9:35	2	X				X																	
450 - B3011		9:45																							
450 - B3011		9:47																							

Temp Received: 5.3° Date Results Needed

Relinquished By: MDS  
 Date: 11/16/12  
 Time: 13:10  
 Received By: [Signature]  
 Date: 11/16/12  
 Time: 12:10  
 Turnaround Time:  
 48 Hr  
 Same Day  
 24 Hr  
 72 Hr  
 Standard

Origins Laboratory, Inc.

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

Origins Laboratory F-012207-01-R1  
Effective Date: 01/09/12

**Sample Receipt Checklist**

Origins Work Order: Y211413 Client: Eagle Environmental  
Client Project ID: Berry Farms 30 31 - 8HZ OSA

Checklist Completed by: DE Shipped Via: HD  
(UPS, FedEx, Hand Delivered, Pick-up, etc.)  
 Date/time completed: 11/16/2022 Airbill #: NA

Matrix(s) Received: (Check all that apply):  Soil/Solid  Water  Other: \_\_\_\_\_

Cooler Number/Temperature: 1 / 5.3 °c / \_\_\_\_\_ °c / \_\_\_\_\_ °c (Describe)

Thermometer ID: T004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	X			
Is there ice present (document if blue ice is used)	X			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		X		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		X		
Were all samples received intact <sup>(1)</sup> ?	X			
Was adequate sample volume provided <sup>(1)</sup> ?	X			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		X		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	X			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	X			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	X			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	X			
For volatiles in water – is there headspace (> ¼ inch bubble) present? <b>if yes, contact client and note in narrative.</b>			X	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / ( pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			X	
Additional Comments (if any):				

<sup>(1)</sup>if NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action in the additional comments (above) and the case narrative.

[Signature]  
 Reviewed by (Project Manager)

11/16/2022  
 Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-B02@5'**

**11/16/2022 9:35:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211413-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.0983	mg/L	1	B2K1705	KAP	11/17/2022	11/18/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2K1628	ADM	11/16/2022	11/17/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	U

Surrogate: <i>o</i> -Terphenyl	90.0 %	50-150			"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2K1627	JSM	11/16/2022	11/16/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	109 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	96.2 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	98.4 %	70-130			"	"	"	"	

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-B02@5'**

**11/16/2022 9:35:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211413-01 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	1.56	0.499	meq/L	10	[CALC]	KAP	11/17/2022	11/18/2022
Magnesium	1.62	0.823	"	"	"	KAP	"	"
Sodium	0.832	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	8.40		pH Units	1	B2K1717	HJD	11/17/2022	11/18/2022
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**SAR by 20B Saturated Paste**

SAR	0.660		SAR	1	B2K1707	KAP	11/17/2022	11/18/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.367	0.00500	mmhos/cm	1	B2K1721	HJD	11/17/2022	11/18/2022
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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**AST-B03@1.25'**  
**11/16/2022 9:40:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211413-02 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.0990	mg/L	1	B2K1705	KAP	11/17/2022	11/18/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2K1628	ADM	11/16/2022	11/17/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	U

Surrogate: *o*-Terphenyl 94.0 % 50-150 " " "

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2K1627	JSM	11/16/2022	11/16/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 110 % 70-130 " " "  
 Surrogate: Toluene-d8 100 % 70-130 " " "  
 Surrogate: 4-Bromofluorobenzene 100 % 70-130 " " "

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**AST-B03@1.25'**

**11/16/2022 9:40:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211413-02 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	2.73	0.499	meq/L	10	[CALC]	KAP	11/17/2022	11/18/2022
Magnesium	1.57	0.823	"	"	"	KAP	"	"
Sodium	0.912	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	8.24		pH Units	1	B2K1717	HJD	11/17/2022	11/18/2022
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**SAR by 20B Saturated Paste**

SAR	0.622		SAR	1	B2K1707	KAP	11/17/2022	11/18/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.556	0.00500	mmhos/cm	1	B2K1721	HJD	11/17/2022	11/18/2022
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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B17@1'

11/16/2022 9:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y211413-03 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.755	0.100	mg/L	1	B2K1705	KAP	11/17/2022	11/18/2022	
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**pH in Soil by 9045D**

pH	8.02		pH Units	1	B2K1821	HJD	11/18/2022	11/21/2022	
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B18@1'

11/16/2022 9:42:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y211413-04 (Soil)

**Metals by Saturated Paste by EPA 6010**

Calcium	1.93	0.499	meq/L	10	[CALC]	KAP	11/17/2022	11/18/2022	
Magnesium	0.851	0.823	"	"	"	KAP	"	"	
Sodium	2.35	0.435	"	"	"	KAP	"	"	

**pH in Soil by 9045D**

pH	8.24		pH Units	1	B2K1717	HJD	11/17/2022	11/18/2022	
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**SAR by 20B Saturated Paste**

SAR	1.99		SAR	1	B2K1707	KAP	11/17/2022	11/18/2022	
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Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1627 - EPA 5030 (soil)**

**Blank (B2K1627-BLK1)**

Prepared: 11/16/2022 Analyzed: 11/16/2022

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125	106		70-130			
Surrogate: Toluene-d8	0.12		"	0.125	99.9		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	95.6		70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1627 - EPA 5030 (soil)**

**LCS (B2K1627-BS1)**

Prepared: 11/16/2022 Analyzed: 11/16/2022

1,2,4-Trimethylbenzene	0.0917	0.00200	mg/kg	0.100		91.7	70-130			
1,3,5-Trimethylbenzene	0.0910	0.00200	"	0.100		91.0	70-130			
Benzene	0.0893	0.00200	"	0.100		89.3	70-130			
Ethylbenzene	0.0939	0.00200	"	0.100		93.9	70-130			
Naphthalene	0.104	0.00380	"	0.100		104	70-130			
Toluene	0.0923	0.00200	"	0.100		92.3	70-130			
o-Xylene	0.0947	0.00200	"	0.100		94.7	70-130			
m,p-Xylene	0.188	0.00400	"	0.200		94.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		104	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		105	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1627 - EPA 5030 (soil)**

<b>Matrix Spike (B2K1627-MS1)</b>	<b>Source: Y211413-01</b>			<b>Prepared: 11/16/2022 Analyzed: 11/16/2022</b>						
1,2,4-Trimethylbenzene	0.0996	0.00200	mg/kg	0.100	ND	99.6	70-130			
1,3,5-Trimethylbenzene	0.0963	0.00200	"	0.100	ND	96.3	70-130			
Benzene	0.104	0.00200	"	0.100	ND	104	70-130			
Ethylbenzene	0.0979	0.00200	"	0.100	ND	97.9	70-130			
Naphthalene	0.122	0.00380	"	0.100	ND	122	70-130			
Toluene	0.0997	0.00200	"	0.100	ND	99.7	70-130			
o-Xylene	0.0998	0.00200	"	0.100	ND	99.8	70-130			
m,p-Xylene	0.197	0.00400	"	0.200	ND	98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		109	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1627 - EPA 5030 (soil)**

Matrix Spike Dup (B2K1627-MSD1)	Source: Y211413-01			Prepared: 11/16/2022 Analyzed: 11/16/2022							
1,2,4-Trimethylbenzene	0.124	0.00200	mg/kg	0.100	ND	124	70-130	21.5	20	R-02	
1,3,5-Trimethylbenzene	0.121	0.00200	"	0.100	ND	121	70-130	23.0	20	R-02	
Benzene	0.133	0.00200	"	0.100	ND	133	70-130	24.3	20	M-07	
Ethylbenzene	0.124	0.00200	"	0.100	ND	124	70-130	23.7	20	R-02	
Naphthalene	0.154	0.00380	"	0.100	ND	154	70-130	23.8	20	M-07	
Toluene	0.133	0.00200	"	0.100	ND	133	70-130	28.4	20	M-07	
o-Xylene	0.127	0.00200	"	0.100	ND	127	70-130	23.7	20	R-02	
m,p-Xylene	0.250	0.00400	"	0.200	ND	125	70-130	24.0	20	R-02	
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		110	70-130				
Surrogate: Toluene-d8	0.12		"	0.125		96.0	70-130				
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.8	70-130				

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2K1628 - EPA 3580</b>										
<b>Blank (B2K1628-BLK1)</b>										
					Prepared: 11/16/2022 Analyzed: 11/17/2022					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	25		"	24.9		101	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1628 - EPA 3580**

**LCS (B2K1628-BS1)**

Prepared: 11/16/2022 Analyzed: 11/17/2022

Diesel (C10-C28)	861	50.0	mg/kg	1000		86.1	70-130			
Residual Range Organics (C28-C40)	766	200	"	1000		76.6	70-130			
Surrogate: o-Terphenyl	49		"	49.8		98.6	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1628 - EPA 3580**

<b>Matrix Spike (B2K1628-MS1)</b>	<b>Source: Y211413-01</b>			Prepared: 11/16/2022 Analyzed: 11/17/2022						
Diesel (C10-C28)	834	50.0	mg/kg	1000	ND	83.4	70-130			
Residual Range Organics (C28-C40)	741	200	"	1000	ND	74.1	70-130			
Surrogate: o-Terphenyl	44		"	49.8		88.4	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1628 - EPA 3580**

<b>Matrix Spike Dup (B2K1628-MSD1)</b>	<b>Source: Y211413-01</b>			<b>Prepared: 11/16/2022 Analyzed: 11/17/2022</b>						
Diesel (C10-C28)	884	50.0	mg/kg	1000	ND	88.4	70-130	5.78	35	
Residual Range Organics (C28-C40)	747	200	"	1000	ND	74.7	70-130	0.891	35	
Surrogate: o-Terphenyl	44		"	49.8		88.3	50-150			

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1705 - DTPA Sorbitol Preparation**

**Blank (B2K1705-BLK1)**

Prepared: 11/17/2022 Analyzed: 11/18/2022

Boron ND 0.100 mg/L

**Duplicate (B2K1705-DUP1)**

Source: Y211392-05

Prepared: 11/17/2022 Analyzed: 11/18/2022

Boron 0.350 0.0990 mg/L 0.478 31.0 50

**Batch B2K1707 - Saturated Paste Metals**

**Blank (B2K1707-BLK1)**

Prepared: 11/17/2022 Analyzed: 11/18/2022

SAR 0.00 SAR

Calcium PPM ND 10.0 mg/L

Magnesium PPM ND 10.0 "

Sodium PPM ND 10.0 "

**Duplicate (B2K1707-DUP1)**

Source: Y211383-01

Prepared: 11/17/2022 Analyzed: 11/18/2022

SAR 0.00 SAR 10.6 200 200

Calcium PPM 2.68 10.0 mg/L 7.69 96.7 50 R-05

Magnesium PPM 0.932 10.0 " 1.98 71.8 50 R-05

Sodium PPM 117 10.0 " 128 8.53 50

Origins Laboratory, Inc.



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Saturated Paste - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1717 - Saturated Paste pH/EC**

<b>Duplicate (B2K1717-DUP1)</b>		<b>Source: Y211383-01</b>			Prepared: 11/17/2022 Analyzed: 11/18/2022					
pH	9.21		pH Units		8.90			3.42	25	

**Batch B2K1721 - Saturated Paste pH/EC**

<b>Blank (B2K1721-BLK1)</b>		Prepared: 11/17/2022 Analyzed: 11/18/2022								
Specific Conductance (EC)	ND	0.00500	mmhos/cm							

<b>Duplicate (B2K1721-DUP1)</b>		<b>Source: Y211383-01</b>			Prepared: 11/17/2022 Analyzed: 11/18/2022					
Specific Conductance (EC)	0.630	0.00500	mmhos/cm		0.539			15.6	25	

**Batch B2K1821 - Saturated Paste pH/EC**

<b>Duplicate (B2K1821-DUP1)</b>		<b>Source: Y211413-03</b>			Prepared: 11/18/2022 Analyzed: 11/21/2022					
pH	7.71		pH Units		8.02			3.94	25	

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

### Notes and Definitions

U Sample is Non-Detect.

R-05 Sample results fall below the RL. RPD results are insignificant for batch and are thus acceptable.

R-02 The RPD result exceeded the C control limits; however, both percent recoveries were acceptable. Sample results for the C batch were accepted based on percent recoveries and completeness of C data.

M-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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December 06, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - KMG - Berry Farms 30 31 32-8HZ O Project Number - [none]  
SA**

Attached are your analytical results for KMG - Berry Farms 30 31 32-8HZ O SA received by Origins Laboratory, Inc. November 16, 2022. This project is associated with Origins project number Y211413-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PW-B02@5'	Y211413-01	Soil	November 16, 2022 9:35	11/16/2022 12:10
AST-B03@1.25'	Y211413-02	Soil	November 16, 2022 9:40	11/16/2022 12:10
SEP-B17@1'	Y211413-03	Soil	November 16, 2022 9:45	11/16/2022 12:10
SEP-B18@1'	Y211413-04	Soil	November 16, 2022 9:42	11/16/2022 12:10

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

Origins Laboratory

F-012207-01-R1  
 Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: Y211413

Client: Eagle Environmental  
 Client Project ID: Berry Farms 30 31 - 8HZ O SA

Checklist Completed by: DE

Shipped Via: HD  
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 11/16/2022

Airbill #: NA

Matrix(s) Received: (Check all that apply):  Soil/Solid

Water  Other:

Cooler Number/Temperature: 1 / 5.3 °C / °C / °C (Describe) °C

Thermometer ID: T004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? <b>If yes, contact client and note in narrative.</b>			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analytes in order to insure sample integrity)/(pH <2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup>If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

[Signature]  
 Reviewed by (Project Manager)

11/16/2022  
 Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-B02@5'**  
**11/16/2022 9:35:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211413-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.0983	mg/L	1	B2K1705	KAP	11/17/2022	11/18/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2K1628	ADM	11/16/2022	11/17/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	U

Surrogate: *o*-Terphenyl 90.0 % 50-150 " " "

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2K1627	JSM	11/16/2022	11/16/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 109 % 70-130 " " "  
 Surrogate: Toluene-d8 96.2 % 70-130 " " "  
 Surrogate: 4-Bromofluorobenzene 98.4 % 70-130 " " "

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.  
 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**PW-B02@5'**

**11/16/2022 9:35:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211413-01 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	1.56	0.499	meq/L	10	[CALC]	KAP	11/17/2022	11/18/2022
Magnesium	1.62	0.823	"	"	"	KAP	"	"
Sodium	0.832	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	8.40		pH Units	1	B2K1717	HJD	11/17/2022	11/18/2022
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**SAR by 20B Saturated Paste**

SAR	0.660		SAR	1	B2K1707	KAP	11/17/2022	11/18/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.367	0.00500	mmhos/cm	1	B2K1721	HJD	11/17/2022	11/18/2022
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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**AST-B03@1.25'**  
**11/16/2022 9:40:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211413-02 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.0990	mg/L	1	B2K1705	KAP	11/17/2022	11/18/2022	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2K1628	ADM	11/16/2022	11/17/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ADM	"	"	U

Surrogate: <i>o</i> -Terphenyl	94.0 %	50-150			"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2K1627	JSM	11/16/2022	11/16/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	110 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	100 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	100 %	70-130			"	"	"	"	

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**AST-B03@1.25'**  
**11/16/2022 9:40:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y211413-02 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	2.73	0.499	meq/L	10	[CALC]	KAP	11/17/2022	11/18/2022
Magnesium	1.57	0.823	"	"	"	KAP	"	"
Sodium	0.912	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	8.24		pH Units	1	B2K1717	HJD	11/17/2022	11/18/2022
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**SAR by 20B Saturated Paste**

SAR	0.622		SAR	1	B2K1707	KAP	11/17/2022	11/18/2022
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.556	0.00500	mmhos/cm	1	B2K1721	HJD	11/17/2022	11/18/2022
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**Table 915 metals by EPA 6020B**

Arsenic	2.42	0.0924	mg/kg	10	B2K3003	CNG	11/30/2022	12/01/2022
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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B17@1'

11/16/2022 9:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y211413-03 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.755	0.100	mg/L	1	B2K1705	KAP	11/17/2022	11/18/2022	
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**pH in Soil by 9045D**

pH	8.02		pH Units	1	B2K1821	HJD	11/18/2022	11/21/2022	
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**Table 915 metals by EPA 6020B**

Arsenic	6.07	0.0945	mg/kg	10	B2K3003	CNG	11/30/2022	12/01/2022	
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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

SEP-B18@1'  
 11/16/2022 9:42:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y211413-04 (Soil)

**Metals by Saturated Paste by EPA 6010**

Calcium	1.93	0.499	meq/L	10	[CALC]	KAP	11/17/2022	11/18/2022
Magnesium	0.851	0.823	"	"	"	KAP	"	"
Sodium	2.35	0.435	"	"	"	KAP	"	"

**pH in Soil by 9045D**

pH	8.24		pH Units	1	B2K1717	HJD	11/17/2022	11/18/2022
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**SAR by 20B Saturated Paste**

SAR	1.99		SAR	1	B2K1707	KAP	11/17/2022	11/18/2022
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**Table 915 metals by EPA 6020B**

Arsenic	3.80	0.0898	mg/kg	10	B2K3003	CNG	11/30/2022	12/01/2022
Copper	10.7	8.98	"	"	"	CNG	"	"
Selenium	0.148	0.0898	"	"	"	CNG	"	"

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 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1627 - EPA 5030 (soil)**

**Blank (B2K1627-BLK1)**

Prepared: 11/16/2022 Analyzed: 11/16/2022

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125	106		70-130			
Surrogate: Toluene-d8	0.12		"	0.125	99.9		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	95.6		70-130			

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1627 - EPA 5030 (soil)**

**LCS (B2K1627-BS1)**

Prepared: 11/16/2022 Analyzed: 11/16/2022

1,2,4-Trimethylbenzene	0.0917	0.00200	mg/kg	0.100		91.7	70-130			
1,3,5-Trimethylbenzene	0.0910	0.00200	"	0.100		91.0	70-130			
Benzene	0.0893	0.00200	"	0.100		89.3	70-130			
Ethylbenzene	0.0939	0.00200	"	0.100		93.9	70-130			
Naphthalene	0.104	0.00380	"	0.100		104	70-130			
Toluene	0.0923	0.00200	"	0.100		92.3	70-130			
o-Xylene	0.0947	0.00200	"	0.100		94.7	70-130			
m,p-Xylene	0.188	0.00400	"	0.200		94.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		104	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		105	70-130			

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1627 - EPA 5030 (soil)**

<b>Matrix Spike (B2K1627-MS1)</b>	<b>Source: Y211413-01</b>			<b>Prepared: 11/16/2022 Analyzed: 11/16/2022</b>						
1,2,4-Trimethylbenzene	0.0996	0.00200	mg/kg	0.100	ND	99.6	70-130			
1,3,5-Trimethylbenzene	0.0963	0.00200	"	0.100	ND	96.3	70-130			
Benzene	0.104	0.00200	"	0.100	ND	104	70-130			
Ethylbenzene	0.0979	0.00200	"	0.100	ND	97.9	70-130			
Naphthalene	0.122	0.00380	"	0.100	ND	122	70-130			
Toluene	0.0997	0.00200	"	0.100	ND	99.7	70-130			
o-Xylene	0.0998	0.00200	"	0.100	ND	99.8	70-130			
m,p-Xylene	0.197	0.00400	"	0.200	ND	98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		109	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B2K1627 - EPA 5030 (soil)

Matrix Spike Dup (B2K1627-MSD1)	Source: Y211413-01	Prepared: 11/16/2022	Analyzed: 11/16/2022							
1,2,4-Trimethylbenzene	0.124	0.00200	mg/kg	0.100	ND	124	70-130	21.5	20	R-02
1,3,5-Trimethylbenzene	0.121	0.00200	"	0.100	ND	121	70-130	23.0	20	R-02
Benzene	0.133	0.00200	"	0.100	ND	133	70-130	24.3	20	M-07
Ethylbenzene	0.124	0.00200	"	0.100	ND	124	70-130	23.7	20	R-02
Naphthalene	0.154	0.00380	"	0.100	ND	154	70-130	23.8	20	M-07
Toluene	0.133	0.00200	"	0.100	ND	133	70-130	28.4	20	M-07
o-Xylene	0.127	0.00200	"	0.100	ND	127	70-130	23.7	20	R-02
m,p-Xylene	0.250	0.00400	"	0.200	ND	125	70-130	24.0	20	R-02
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		110	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.8	70-130			

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2K1628 - EPA 3580</b>										
<b>Blank (B2K1628-BLK1)</b>										
					Prepared: 11/16/2022 Analyzed: 11/17/2022					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	25		"	24.9		101	50-150			

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1628 - EPA 3580**

**LCS (B2K1628-BS1)**

Prepared: 11/16/2022 Analyzed: 11/17/2022

Diesel (C10-C28)	861	50.0	mg/kg	1000		86.1	70-130			
Residual Range Organics (C28-C40)	766	200	"	1000		76.6	70-130			
Surrogate: o-Terphenyl	49		"	49.8		98.6	50-150			

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1628 - EPA 3580**

<b>Matrix Spike (B2K1628-MS1)</b>	<b>Source: Y211413-01</b>			Prepared: 11/16/2022 Analyzed: 11/17/2022						
Diesel (C10-C28)	834	50.0	mg/kg	1000	ND	83.4	70-130			
Residual Range Organics (C28-C40)	741	200	"	1000	ND	74.1	70-130			
Surrogate: o-Terphenyl	44		"	49.8		88.4	50-150			

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1628 - EPA 3580**

<b>Matrix Spike Dup (B2K1628-MSD1)</b>	<b>Source: Y211413-01</b>			<b>Prepared: 11/16/2022 Analyzed: 11/17/2022</b>						
Diesel (C10-C28)	884	50.0	mg/kg	1000	ND	88.4	70-130	5.78	35	
Residual Range Organics (C28-C40)	747	200	"	1000	ND	74.7	70-130	0.891	35	
Surrogate: o-Terphenyl	44		"	49.8		88.3	50-150			

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K3003 - EPA 3050B**

**Blank (B2K3003-BLK1)**

Prepared: 11/30/2022 Analyzed: 12/01/2022

Arsenic	ND	0.000100	mg/kg							
Copper	ND	0.0100	"							
Selenium	ND	0.000100	"							

**LCS (B2K3003-BS1)**

Prepared: 11/30/2022 Analyzed: 12/01/2022

Arsenic	0.0483	0.000100	mg/kg	0.0500		96.6	80-120			
Copper	0.513	0.0100	"	0.500		103	80-120			
Selenium	0.0466	0.000100	"	0.0500		93.2	80-120			

**Matrix Spike (B2K3003-MS1)**

**Source: Y211609-02**

Prepared: 11/30/2022 Analyzed: 12/01/2022

Arsenic	8.91	0.0938	mg/kg	4.69	3.90	107	75-125			
Copper	49.4	9.38	"	46.9	1.17	103	75-125			
Selenium	4.61	0.0938	"	4.69	0.113	95.8	75-125			

**Matrix Spike Dup (B2K3003-MSD1)**

**Source: Y211609-02**

Prepared: 11/30/2022 Analyzed: 12/01/2022

Arsenic	8.78	0.0973	mg/kg	4.87	3.90	100	75-125	1.37	20	
Copper	50.1	9.73	"	48.7	1.17	101	75-125	1.50	20	
Selenium	4.26	0.0973	"	4.87	0.113	85.2	75-125	7.96	20	

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 Wheat Ridge CO 80033

Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B2K1705 - DTPA Sorbitol Preparation</b>										
<b>Blank (B2K1705-BLK1)</b>					Prepared: 11/17/2022 Analyzed: 11/18/2022					
Boron	ND	0.100	mg/L							
<b>Duplicate (B2K1705-DUP1)</b>					<b>Source: Y211392-05</b> Prepared: 11/17/2022 Analyzed: 11/18/2022					
Boron	0.350	0.0990	mg/L		0.478			31.0	50	
<b>Batch B2K1707 - Saturated Paste Metals</b>										
<b>Blank (B2K1707-BLK1)</b>					Prepared: 11/17/2022 Analyzed: 11/18/2022					
SAR	0.00		SAR							
Calcium PPM	ND	10.0	mg/L							
Magnesium PPM	ND	10.0	"							
Sodium PPM	ND	10.0	"							
<b>Duplicate (B2K1707-DUP1)</b>					<b>Source: Y211383-01</b> Prepared: 11/17/2022 Analyzed: 11/18/2022					
Calcium PPM	2.68	10.0	mg/L		7.69			96.7	50	R-05
SAR	0.00		SAR		10.6			200	200	
Magnesium PPM	0.932	10.0	mg/L		1.98			71.8	50	R-05
Sodium PPM	117	10.0	"		128			8.53	50	

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Dan Coloccia  
 Project Number: [none]  
 Project: KMG - Berry Farms 30 31 32-8HZ O SA

**Saturated Paste - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B2K1717 - Saturated Paste pH/EC**

<b>Duplicate (B2K1717-DUP1)</b>		<b>Source: Y211383-01</b>			Prepared: 11/17/2022 Analyzed: 11/18/2022					
pH	9.21		pH Units		8.90			3.42	25	

**Batch B2K1721 - Saturated Paste pH/EC**

<b>Blank (B2K1721-BLK1)</b>		Prepared: 11/17/2022 Analyzed: 11/18/2022								
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
<b>Duplicate (B2K1721-DUP1)</b>		<b>Source: Y211383-01</b>			Prepared: 11/17/2022 Analyzed: 11/18/2022					
Specific Conductance (EC)	0.630	0.00500	mmhos/cm		0.539			15.6	25	

**Batch B2K1821 - Saturated Paste pH/EC**

<b>Duplicate (B2K1821-DUP1)</b>		<b>Source: Y211413-03</b>			Prepared: 11/18/2022 Analyzed: 11/21/2022					
pH	7.71		pH Units		8.02			3.94	25	

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Eagle Environmental Consulting, Inc.  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - Berry Farms 30 31 32-8HZ O SA

### Notes and Definitions

U Sample is Non-Detect.

R-05 Sample results fall below the RL. RPD results are insignificant for batch and are thus acceptable.

R-02 The RPD result exceeded the C control limits; however, both percent recoveries were acceptable. Sample results for the C batch were accepted based on percent recoveries and completeness of C data.

M-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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