

October 31, 2023

Verdad Resources

Dean Wagoner

1125 17th St Suite 550

Denver CO 80202

Project Name - Timbro 1-3-9-59

Project Number - [none]

Attached are your analytical results for Timbro 1-3-9-59 received by Origins Laboratory, Inc. October 16, 2023. This project is associated with Origins project number Y310436-01.

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



Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Timbro 1-3-9-59 WH	Y310436-01	Soil	October 16, 2023 10:20	10/16/2023 15:45
Timbro 2-3-9-59 WH	Y310436-02	Soil	October 16, 2023 10:25	10/16/2023 15:45
Timbro 1-34-10-59 WH	Y310436-03	Soil	October 16, 2023 10:30	10/16/2023 15:45
Timbro 2-34-10-59 WH	Y310436-04	Soil	October 16, 2023 10:35	10/16/2023 15:45
Timbro 1-3-9-59 WHT East	Y310436-05	Soil	October 16, 2023 10:40	10/16/2023 15:45
Timbro 1-3-9-59 WHT North	Y310436-06	Soil	October 16, 2023 10:45	10/16/2023 15:45
Timbro 1-3-9-59 WHT West	Y310436-07	Soil	October 16, 2023 10:50	10/16/2023 15:45
Timbro 1-3-9-59 WHT South	Y310436-08	Soil	October 16, 2023 10:55	10/16/2023 15:45
Timbro 1-3-9-59 FLT East	Y310436-09	Soil	October 16, 2023 11:00	10/16/2023 15:45
Timbro 1-3-9-59 FLT West	Y310436-10	Soil	October 16, 2023 11:05	10/16/2023 15:45
Timbro 1-3-9-59 BG	Y310436-11	Soil	October 16, 2023 11:10	10/16/2023 15:45

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: UB10430

Client: Verdad
 Client Project ID: Timbro 1-3-9-59

Checklist Completed by: JHV/MS
 Date/time completed: 10/17/23

Shipped Via: HD
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A

Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1 / 22 °C _____ / _____ °C _____ / _____ °C (Describe)
 Thermometer ID: TOUH

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?		X		SO
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)		/		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		/		
Were all samples received intact ⁽¹⁾ ?	/			
Was adequate sample volume provided ⁽¹⁾ ?	/			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		/		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	/			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	/			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	/			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	/			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			/	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (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 ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			/	
Additional Comments (if any):				

⁽¹⁾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 10/18/23

Origins Laboratory, Inc.

[Signature]

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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WH
10/16/2023 10:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.746		0.102	mg/L	1	B3J2012	10/20/2023	10/23/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3J1702	10/17/2023	10/19/2023	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	65.5 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3J1734	10/17/2023	10/17/2023	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	120 %		70-130			"	"	"	
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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WH
10/16/2023 10:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.0 %		70-130			B3J17 34	10/17/2023	10/17/2023	
Surrogate: 4-Bromofluorobenzene	97.0 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.25		0.499	meq/L	10	[CALC]	10/20/2023	10/23/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.75		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua
Acenaphthene	ND		0.020	"	"	"	"	"	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua

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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WH
10/16/2023 10:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-01 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	99.7 %		60-130			"	"	"	
Surrogate: Anthracene-d10	98.3 %		60-130			"	"	"	
Surrogate: Pyrene-d10	130 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	100 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.37			pH Units	1	B3J2017	10/20/2023	10/21/2023	
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SAR by 20B Saturated Paste

SAR	3.18		0.0100	SAR	1	B3J2009	10/20/2023	10/23/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.450		0.00500	mmhos/cm	1	B3J2017	10/20/2023	10/21/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Verdad Resources
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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WH
10/16/2023 10:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-01 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.17		0.0880	mg/kg	10	B3J1726	10/17/2023	10/20/2023	
Barium	293		8.80	"	"	"	"	"	
Cadmium	0.205		0.0880	"	"	"	"	"	
Copper	11.3		8.80	"	"	"	"	"	
Lead	ND		8.80	"	"	"	"	"	
Nickel	ND		8.80	"	"	"	"	"	
Selenium	0.132		0.0880	"	"	"	"	"	
Silver	ND		0.0880	"	"	"	"	"	
Zinc	ND		88.0	"	"	"	"	"	

Total Metals by 7196A

Hexavalent Chromium	ND	0.168	0.421	mg/kg dry	1	2510701	10/19/2023	10/19/2023	U
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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 2-3-9-59 WH
10/16/2023 10:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-02 (Soil)

Boron (DTPA Sorbitol)

Boron	0.597		0.101	mg/L	1	B3J2013	10/20/2023	10/23/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3J1702	10/17/2023	10/19/2023	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	76.2 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3J1734	10/17/2023	10/17/2023	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	120 %		70-130			"	"	"	
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 2-3-9-59 WH
10/16/2023 10:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-02 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.2 %		70-130			B3J17 34	10/17/2023	10/17/2023	
Surrogate: 4-Bromofluorobenzene	97.6 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.24		0.499	meq/L	10	[CALC]	10/20/2023	10/23/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.90		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua
Acenaphthene	ND		0.020	"	"	"	"	"	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua

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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 2-3-9-59 WH
10/16/2023 10:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-02 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	99.1 %		60-130			"	"	"	
Surrogate: Anthracene-d10	99.6 %		60-130			"	"	"	
Surrogate: Pyrene-d10	137 %		60-130			"	"	"	S-04
Surrogate: Benzo (a) pyrene-d12	100 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.37			pH Units	1	B3J2017	10/20/2023	10/21/2023	
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SAR by 20B Saturated Paste

SAR	3.34		0.0100	SAR	1	B3J2009	10/20/2023	10/23/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.402		0.00500	mmhos/cm	1	B3J2017	10/20/2023	10/21/2023	
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Table 915 metals by EPA 6020B

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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 2-3-9-59 WH
10/16/2023 10:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-02 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.71		0.0962	mg/kg	10	B3J1726	10/17/2023	10/20/2023	
Barium	278		9.62	"	"	"	"	"	
Cadmium	0.336		0.0962	"	"	"	"	"	
Copper	11.0		9.62	"	"	"	"	"	
Lead	11.0		9.62	"	"	"	"	"	
Nickel	ND		9.62	"	"	"	"	"	
Selenium	ND		0.0962	"	"	"	"	"	
Silver	ND		0.0962	"	"	"	"	"	
Zinc	ND		96.2	"	"	"	"	"	

Total Metals by 7196A

Hexavalent Chromium	ND	0.182	0.456	mg/kg dry	1	2510701	10/19/2023	10/19/2023	U
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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-34-10-59 WH
10/16/2023 10:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-03 (Soil)

Boron (DTPA Sorbitol)

Boron	0.518		0.101	mg/L	1	B3J2013	10/20/2023	10/23/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3J1702	10/17/2023	10/18/2023	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	77.1 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3J1734	10/17/2023	10/17/2023	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	120 %		70-130			"	"	"	
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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-34-10-59 WH
10/16/2023 10:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-03 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.2 %		70-130			B3J17 34	10/17/2023	10/17/2023	
Surrogate: 4-Bromofluorobenzene	97.2 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.59		0.499	meq/L	10	[CALC]	10/20/2023	10/23/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.80		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua
Acenaphthene	ND		0.020	"	"	"	"	"	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-34-10-59 WH
10/16/2023 10:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-03 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	99.5 %		60-130			"	"	"	
Surrogate: Anthracene-d10	99.4 %		60-130			"	"	"	
Surrogate: Pyrene-d10	138 %		60-130			"	"	"	S-04
Surrogate: Benzo (a) pyrene-d12	99.2 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.26			pH Units	1	B3J2017	10/20/2023	10/21/2023	
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SAR by 20B Saturated Paste

SAR	2.82		0.0100	SAR	1	B3J2009	10/20/2023	10/23/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.451		0.00500	mmhos/cm	1	B3J2017	10/20/2023	10/21/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-34-10-59 WH
10/16/2023 10:30:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-03 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.81		0.0908	mg/kg	10	B3J1726	10/17/2023	10/20/2023	
Barium	326		9.08	"	"	"	"	"	
Cadmium	0.185		0.0908	"	"	"	"	"	
Copper	11.3		9.08	"	"	"	"	"	
Lead	ND		9.08	"	"	"	"	"	
Nickel	ND		9.08	"	"	"	"	"	
Selenium	ND		0.0908	"	"	"	"	"	
Silver	ND		0.0908	"	"	"	"	"	
Zinc	ND		90.8	"	"	"	"	"	

Total Metals by 7196A

Hexavalent Chromium	ND	0.144	0.360	mg/kg dry	1	2510701	10/19/2023	10/19/2023	U
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 2-34-10-59 WH
10/16/2023 10:35:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.559		0.102	mg/L	1	B3J2013	10/20/2023	10/23/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3J1702	10/17/2023	10/18/2023	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	72.2 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3J1734	10/17/2023	10/17/2023	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	122 %		70-130			"	"	"	
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 2-34-10-59 WH
10/16/2023 10:35:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-04 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.2 %		70-130			B3J17 34	10/17/2023	10/17/2023	
Surrogate: 4-Bromofluorobenzene	97.7 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.60		0.499	meq/L	10	[CALC]	10/20/2023	10/23/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.09		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua
Acenaphthene	ND		0.020	"	"	"	"	"	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 2-34-10-59 WH
10/16/2023 10:35:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-04 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	99.3 %		60-130			"	"	"	
Surrogate: Anthracene-d10	99.2 %		60-130			"	"	"	
Surrogate: Pyrene-d10	140 %		60-130			"	"	"	S-04
Surrogate: Benzo (a) pyrene-d12	97.2 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.27			pH Units	1	B3J2017	10/20/2023	10/21/2023	
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SAR by 20B Saturated Paste

SAR	2.14		0.0100	SAR	1	B3J2009	10/20/2023	10/23/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.412		0.00500	mmhos/cm	1	B3J2017	10/20/2023	10/21/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 2-34-10-59 WH
10/16/2023 10:35:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-04 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.30		0.0920	mg/kg	10	B3J1726	10/17/2023	10/20/2023	
Barium	256		9.20	"	"	"	"	"	
Cadmium	0.199		0.0920	"	"	"	"	"	
Copper	11.6		9.20	"	"	"	"	"	
Lead	ND		9.20	"	"	"	"	"	
Nickel	ND		9.20	"	"	"	"	"	
Selenium	0.118		0.0920	"	"	"	"	"	
Silver	ND		0.0920	"	"	"	"	"	
Zinc	ND		92.0	"	"	"	"	"	

Total Metals by 7196A

Hexavalent Chromium	ND	0.161	0.404	mg/kg dry	1	2510701	10/19/2023	10/19/2023	U
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT East
10/16/2023 10:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-05 (Soil)

Boron (DTPA Sorbitol)

Boron	0.669		0.101	mg/L	1	B3J2013	10/20/2023	10/23/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3J1702	10/17/2023	10/18/2023	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	78.7 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3J1734	10/17/2023	10/17/2023	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	122 %		70-130			"	"	"	
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT East
10/16/2023 10:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-05 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	96.6 %		70-130			B3J17 34	10/17/2023	10/17/2023	
Surrogate: 4-Bromofluorobenzene	98.0 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.35		0.499	meq/L	10	[CALC]	10/20/2023	10/23/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.28		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua
Acenaphthene	ND		0.020	"	"	"	"	"	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua

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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT East
10/16/2023 10:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-05 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	99.7 %		60-130			"	"	"	
Surrogate: Anthracene-d10	98.8 %		60-130			"	"	"	
Surrogate: Pyrene-d10	114 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	99.5 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.34			pH Units	1	B3J2017	10/20/2023	10/21/2023	
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SAR by 20B Saturated Paste

SAR	2.53		0.0100	SAR	1	B3J2009	10/20/2023	10/23/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.440		0.00500	mmhos/cm	1	B3J2017	10/20/2023	10/21/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT East
10/16/2023 10:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-05 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.08		0.0890	mg/kg	10	B3J1726	10/17/2023	10/20/2023	
Barium	251		8.90	"	"	"	"	"	
Cadmium	0.246		0.0890	"	"	"	"	"	
Copper	11.1		8.90	"	"	"	"	"	
Lead	ND		8.90	"	"	"	"	"	
Nickel	ND		8.90	"	"	"	"	"	
Selenium	0.115		0.0890	"	"	"	"	"	
Silver	ND		0.0890	"	"	"	"	"	
Zinc	ND		89.0	"	"	"	"	"	

Total Metals by 7196A

Hexavalent Chromium	ND	0.194	0.486	mg/kg dry	1	2510701	10/19/2023	10/19/2023	U
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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.

Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT North
10/16/2023 10:45:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-06 (Soil)

Boron (DTPA Sorbitol)

Boron	0.650		0.101	mg/L	1	B3J2013	10/20/2023	10/23/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3J1702	10/17/2023	10/18/2023	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	83.0 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3J1734	10/17/2023	10/17/2023	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	122 %		70-130			"	"	"	
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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.

Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT North
10/16/2023 10:45:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-06 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.0 %		70-130			B3J17 34	10/17/2023	10/17/2023	
Surrogate: 4-Bromofluorobenzene	96.8 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.20		0.499	meq/L	10	[CALC]	10/20/2023	10/23/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.39		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua
Acenaphthene	ND		0.020	"	"	"	"	"	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua

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.

Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT North
10/16/2023 10:45:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-06 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	97.2 %		60-130			"	"	"	
Surrogate: Anthracene-d10	99.1 %		60-130			"	"	"	
Surrogate: Pyrene-d10	137 %		60-130			"	"	"	S-04
Surrogate: Benzo (a) pyrene-d12	98.9 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.34			pH Units	1	B3J2017	10/20/2023	10/21/2023	
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SAR by 20B Saturated Paste

SAR	2.80		0.0100	SAR	1	B3J2009	10/20/2023	10/23/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.450		0.00500	mmhos/cm	1	B3J2017	10/20/2023	10/21/2023	
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Table 915 metals by EPA 6020B

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.

Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT North
10/16/2023 10:45:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-06 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.21		0.0880	mg/kg	10	B3J1726	10/17/2023	10/20/2023	
Barium	247		8.80	"	"	"	"	"	
Cadmium	0.208		0.0880	"	"	"	"	"	
Copper	11.5		8.80	"	"	"	"	"	
Lead	ND		8.80	"	"	"	"	"	
Nickel	ND		8.80	"	"	"	"	"	
Selenium	0.128		0.0880	"	"	"	"	"	
Silver	ND		0.0880	"	"	"	"	"	
Zinc	ND		88.0	"	"	"	"	"	

Total Metals by 7196A

Hexavalent Chromium	ND	0.171	0.427	mg/kg dry	1	2510701	10/19/2023	10/19/2023	U
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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.

Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT West
10/16/2023 10:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-07 (Soil)

Boron (DTPA Sorbitol)

Boron	0.635		0.102	mg/L	1	B3J2013	10/20/2023	10/23/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3J1702	10/17/2023	10/18/2023	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	72.6 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3J1734	10/17/2023	10/17/2023	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	122 %		70-130			"	"	"	
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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.

Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT West
10/16/2023 10:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-07 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.2 %		70-130			B3J17 34	10/17/2023	10/17/2023	
Surrogate: 4-Bromofluorobenzene	97.8 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.41		0.499	meq/L	10	[CALC]	10/20/2023	10/23/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.12		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua
Acenaphthene	ND		0.020	"	"	"	"	"	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT West
10/16/2023 10:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-07 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	96.8 %		60-130			"	"	"	
Surrogate: Anthracene-d10	93.6 %		60-130			"	"	"	
Surrogate: Pyrene-d10	138 %		60-130			"	"	"	S-04
Surrogate: Benzo (a) pyrene-d12	100 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.36			pH Units	1	B3J2017	10/20/2023	10/21/2023	
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SAR by 20B Saturated Paste

SAR	2.32		0.0100	SAR	1	B3J2009	10/20/2023	10/23/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.421		0.00500	mmhos/cm	1	B3J2017	10/20/2023	10/21/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT West
10/16/2023 10:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-07 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.17		0.0934	mg/kg	10	B3J1726	10/17/2023	10/20/2023	
Barium	358		9.34	"	"	"	"	"	
Cadmium	0.197		0.0934	"	"	"	"	"	
Copper	11.7		9.34	"	"	"	"	"	
Lead	10.3		9.34	"	"	"	"	"	
Nickel	ND		9.34	"	"	"	"	"	
Selenium	0.128		0.0934	"	"	"	"	"	
Silver	ND		0.0934	"	"	"	"	"	
Zinc	ND		93.4	"	"	"	"	"	

Total Metals by 7196A

Hexavalent Chromium	ND	0.179	0.447	mg/kg dry	1	2510701	10/19/2023	10/19/2023	U
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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.

Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT South
10/16/2023 10:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-08 (Soil)

Boron (DTPA Sorbitol)

Boron	0.687		0.0990	mg/L	1	B3J2013	10/20/2023	10/23/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3J1702	10/17/2023	10/18/2023	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	71.3 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3J1734	10/17/2023	10/17/2023	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	124 %		70-130			"	"	"	
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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.

Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT South
10/16/2023 10:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-08 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	96.8 %		70-130			B3J17 34	10/17/2023	10/17/2023	
Surrogate: 4-Bromofluorobenzene	97.6 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.32		0.499	meq/L	10	[CALC]	10/20/2023	10/23/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.62		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua
Acenaphthene	ND		0.020	"	"	"	"	"	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT South
10/16/2023 10:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-08 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	97.7 %		60-130			"	"	"	
Surrogate: Anthracene-d10	99.5 %		60-130			"	"	"	
Surrogate: Pyrene-d10	136 %		60-130			"	"	"	S-04
Surrogate: Benzo (a) pyrene-d12	97.5 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.35			pH Units	1	B3J2017	10/20/2023	10/21/2023	
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SAR by 20B Saturated Paste

SAR	2.94		0.0100	SAR	1	B3J2009	10/20/2023	10/23/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.483		0.00500	mmhos/cm	1	B3J2017	10/20/2023	10/21/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 WHT South
10/16/2023 10:55:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-08 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.64		0.0932	mg/kg	10	B3J1726	10/17/2023	10/20/2023	
Barium	335		9.32	"	"	"	"	"	
Cadmium	0.245		0.0932	"	"	"	"	"	
Copper	11.5		9.32	"	"	"	"	"	
Lead	10.8		9.32	"	"	"	"	"	
Nickel	ND		9.32	"	"	"	"	"	
Selenium	0.137		0.0932	"	"	"	"	"	
Silver	ND		0.0932	"	"	"	"	"	
Zinc	ND		93.2	"	"	"	"	"	

Total Metals by 7196A

Hexavalent Chromium	ND	0.169	0.424	mg/kg dry	1	2510701	10/19/2023	10/19/2023	U
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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.

Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 FLT East
10/16/2023 11:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-09 (Soil)

Boron (DTPA Sorbitol)

Boron	0.590		0.0996	mg/L	1	B3J2013	10/20/2023	10/23/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3J1702	10/17/2023	10/19/2023	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	68.6 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3J1734	10/17/2023	10/17/2023	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	122 %		70-130			"	"	"	
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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.

Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 FLT East
10/16/2023 11:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-09 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	96.4 %		70-130			B3J17 34	10/17/2023	10/17/2023	
Surrogate: 4-Bromofluorobenzene	99.0 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.34	0.499	meq/L	10	[CALC]		10/20/2023	10/23/2023	
Magnesium	ND	0.823	"	"	"	"	"	"	
Sodium	2.30	0.435	"	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3J1820		10/18/2023	10/23/2023	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	"	Ua

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.

Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 FLT East
10/16/2023 11:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-09 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	97.1 %		60-130			"	"	"	
Surrogate: Anthracene-d10	99.3 %		60-130			"	"	"	
Surrogate: Pyrene-d10	142 %		60-130			"	"	"	S-04
Surrogate: Benzo (a) pyrene-d12	96.8 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.32			pH Units	1	B3J2017	10/20/2023	10/21/2023	
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SAR by 20B Saturated Paste

SAR	2.52		0.0100	SAR	1	B3J2009	10/20/2023	10/23/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.460		0.00500	mmhos/cm	1	B3J2017	10/20/2023	10/21/2023	
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Table 915 metals by EPA 6020B

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.

Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 FLT East
10/16/2023 11:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-09 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.07		0.0907	mg/kg	10	B3J1726	10/17/2023	10/20/2023	
Barium	295		9.07	"	"	"	"	"	
Cadmium	0.249		0.0907	"	"	"	"	"	
Copper	10.8		9.07	"	"	"	"	"	
Lead	ND		9.07	"	"	"	"	"	
Nickel	ND		9.07	"	"	"	"	"	
Selenium	0.102		0.0907	"	"	"	"	"	
Silver	ND		0.0907	"	"	"	"	"	
Zinc	ND		90.7	"	"	"	"	"	

Total Metals by 7196A

Hexavalent Chromium	ND	0.176	0.441	mg/kg dry	1	2510701	10/19/2023	10/19/2023	U
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 FLT West
10/16/2023 11:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-10 (Soil)

Boron (DTPA Sorbitol)

Boron	0.634		0.0991	mg/L	1	B3J2410	10/24/2023	10/25/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3J1702	10/17/2023	10/19/2023	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	74.6 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3J1734	10/17/2023	10/17/2023	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	124 %		70-130			"	"	"	
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 FLT West
10/16/2023 11:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-10 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	96.9 %		70-130			B3J17 34	10/17/2023	10/17/2023	
Surrogate: 4-Bromofluorobenzene	97.9 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.44	0.499	meq/L	10	[CALC]		10/20/2023	10/23/2023	
Magnesium	ND	0.823	"	"	"	"	"	"	
Sodium	2.34	0.435	"	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3J1820		10/18/2023	10/23/2023	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	"	Ua

Origins Laboratory, Inc.



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Verdad Resources
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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 FLT West
10/16/2023 11:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-10 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	97.4 %		60-130			"	"	"	
Surrogate: Anthracene-d10	98.2 %		60-130			"	"	"	
Surrogate: Pyrene-d10	128 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	94.9 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.35			pH Units	1	B3J2017	10/20/2023	10/21/2023	
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SAR by 20B Saturated Paste

SAR	2.50		0.0100	SAR	1	B3J2009	10/20/2023	10/23/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.460		0.00500	mmhos/cm	1	B3J2017	10/20/2023	10/21/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 FLT West
10/16/2023 11:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-10 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.18		0.0899	mg/kg	10	B3J1726	10/17/2023	10/20/2023	
Barium	329		8.99	"	"	"	"	"	
Cadmium	0.215		0.0899	"	"	"	"	"	
Copper	11.2		8.99	"	"	"	"	"	
Lead	9.61		8.99	"	"	"	"	"	
Nickel	ND		8.99	"	"	"	"	"	
Selenium	0.129		0.0899	"	"	"	"	"	
Silver	ND		0.0899	"	"	"	"	"	
Zinc	ND		89.9	"	"	"	"	"	

Total Metals by 7196A

Hexavalent Chromium	ND	0.196	0.489	mg/kg dry	1	2510701	10/19/2023	10/19/2023	U
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 BG
10/16/2023 11:10:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-11 (Soil)

Boron (DTPA Sorbitol)

Boron	0.464		0.0989	mg/L	1	B3J2013	10/20/2023	10/23/2023	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3J1702	10/17/2023	10/19/2023	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	67.9 %		50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3J1734	10/17/2023	10/17/2023	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	123 %		70-130			"	"	"	
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Origins Laboratory, Inc.



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Verdad Resources
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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 BG
10/16/2023 11:10:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-11 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	97.2 %		70-130			B3J17 34	10/17/2023	10/17/2023	
Surrogate: 4-Bromofluorobenzene	98.5 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.46		0.499	meq/L	10	[CALC]	10/20/2023	10/23/2023	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.60		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua
Acenaphthene	ND		0.020	"	"	"	"	"	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua

Origins Laboratory, Inc.



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Verdad Resources
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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 BG
10/16/2023 11:10:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-11 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B3J1820	10/18/2023	10/23/2023	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	96.4 %		60-130			"	"	"	
Surrogate: Anthracene-d10	99.5 %		60-130			"	"	"	
Surrogate: Pyrene-d10	92.1 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	99.4 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.31			pH Units	1	B3J2017	10/20/2023	10/21/2023	
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SAR by 20B Saturated Paste

SAR	1.68		0.0100	SAR	1	B3J2009	10/20/2023	10/23/2023	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.394		0.00500	mmhos/cm	1	B3J2017	10/20/2023	10/21/2023	
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Verdad Resources
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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Timbro 1-3-9-59 BG
10/16/2023 11:10:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y310436-11 (Soil)

Table 915 metals by EPA 6020B

Arsenic	3.09		0.0856	mg/kg	10	B3J1726	10/17/2023	10/20/2023	
Barium	290		8.56	"	"	"	"	"	
Cadmium	0.234		0.0856	"	"	"	"	"	
Copper	11.3		8.56	"	"	"	"	"	
Lead	9.40		8.56	"	"	"	"	"	
Nickel	ND		8.56	"	"	"	"	"	
Selenium	0.0865		0.0856	"	"	"	"	"	
Silver	ND		0.0856	"	"	"	"	"	
Zinc	ND		85.6	"	"	"	"	"	

Total Metals by 7196A

Hexavalent Chromium	ND	0.157	0.393	mg/kg dry	1	2510701	10/19/2023	10/19/2023	U
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Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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
Batch B3J1702 - EPA 3550B										
Blank (B3J1702-BLK1)										
					Prepared: 10/17/2023 Analyzed: 10/18/2023					
Diesel (C10-C28)	ND	25.0	mg/kg							Ua
Residual Range Organics (C28-C40)	ND	100	"							Ua
Surrogate: o-Terphenyl	28		"	24.9		112	50-150			

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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 B3J1702 - EPA 3550B

LCS (B3J1702-BS1)

Prepared: 10/17/2023 Analyzed: 10/18/2023

Diesel (C10-C28)	881	50.0	mg/kg	1000		88.1	70-130			
Residual Range Organics (C28-C40)	952	200	"	1000		95.2	70-130			
Surrogate: o-Terphenyl	40		"	49.8		80.0	50-150			

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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 B3J1702 - EPA 3550B

Matrix Spike (B3J1702-MS1)	Source: Y310434-01			Prepared: 10/17/2023 Analyzed: 10/18/2023						
Diesel (C10-C28)	30800	50.0	mg/kg	1000	37900	NR	70-130			QM-07
Residual Range Organics (C28-C40)	42500	200	"	1000	38100	437	70-130			QM-07
Surrogate: o-Terphenyl	160		"	49.8		331	50-150			S-04

Origins Laboratory, Inc.



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Verdad Resources
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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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
Batch B3J1702 - EPA 3550B										
Matrix Spike Dup (B3J1702-MSD1)					Source: Y310434-01					Prepared: 10/17/2023 Analyzed: 10/18/2023
Diesel (C10-C28)	28600	50.0	mg/kg	1000	37900	NR	70-130	7.49	35	QM-07
Residual Range Organics (C28-C40)	37500	200	"	1000	38100	NR	70-130	12.5	35	QM-07
Surrogate: o-Terphenyl	410		"	49.8		824	50-150			S-04

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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 B3J1734 - EPA 5030 (soil)

Blank (B3J1734-BLK1)

Prepared: 10/17/2023 Analyzed: 10/17/2023

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							Ua
1,3,5-Trimethylbenzene	ND	0.00200	"							Ua
Benzene	ND	0.00200	"							Ua
Ethylbenzene	ND	0.00200	"							Ua
Naphthalene	ND	0.00380	"							Ua
Toluene	ND	0.00200	"							Ua
Xylenes, total	ND	0.00200	"							Ua
Gasoline Range Hydrocarbons	ND	0.200	"							Ua
Surrogate: 1,2-Dichloroethane-d4	0.15		"	0.125	121		70-130			
Surrogate: Toluene-d8	0.12		"	0.125	93.2		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	98.0		70-130			

Origins Laboratory, Inc.



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Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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 B3J1734 - EPA 5030 (soil)

LCS (B3J1734-BS1)

Prepared: 10/17/2023 Analyzed: 10/17/2023

1,2,4-Trimethylbenzene	0.111	0.00200	mg/kg	0.100		111	70-130			
1,3,5-Trimethylbenzene	0.110	0.00200	"	0.100		110	70-130			
Benzene	0.0914	0.00200	"	0.100		91.4	70-130			
Ethylbenzene	0.105	0.00200	"	0.100		105	70-130			
Naphthalene	0.112	0.00380	"	0.100		112	70-130			
Toluene	0.0968	0.00200	"	0.100		96.8	70-130			
o-Xylene	0.117	0.00200	"	0.100		117	70-130			
m,p-Xylene	0.208	0.00400	"	0.200		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		113	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		105	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.

Verdad Resources
 1125 17th St Suite 550
 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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 B3J1734 - EPA 5030 (soil)

Matrix Spike (B3J1734-MS1)	Source: Y310436-01			Prepared: 10/17/2023 Analyzed: 10/17/2023						
1,2,4-Trimethylbenzene	0.114	0.00200	mg/kg	0.100	ND	114	70-130			
1,3,5-Trimethylbenzene	0.112	0.00200	"	0.100	ND	112	70-130			
Benzene	0.0939	0.00200	"	0.100	ND	93.9	70-130			
Ethylbenzene	0.109	0.00200	"	0.100	ND	109	70-130			
Naphthalene	0.112	0.00380	"	0.100	ND	112	70-130			
Toluene	0.0977	0.00200	"	0.100	ND	97.7	70-130			
o-Xylene	0.117	0.00200	"	0.100	0.000460	117	70-130			
m,p-Xylene	0.220	0.00400	"	0.200	ND	110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.15		"	0.125		117	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		106	70-130			

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Verdad Resources
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 Denver CO 80202

Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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 B3J1734 - EPA 5030 (soil)

Matrix Spike Dup (B3J1734-MSD1)	Source: Y310436-01			Prepared: 10/17/2023 Analyzed: 10/17/2023						
1,2,4-Trimethylbenzene	0.113	0.00200	mg/kg	0.100	ND	113	70-130	1.11	20	
1,3,5-Trimethylbenzene	0.110	0.00200	"	0.100	ND	110	70-130	1.51	20	
Benzene	0.0935	0.00200	"	0.100	ND	93.5	70-130	0.427	20	
Ethylbenzene	0.107	0.00200	"	0.100	ND	107	70-130	2.01	20	
Naphthalene	0.113	0.00380	"	0.100	ND	113	70-130	0.871	20	
Toluene	0.0970	0.00200	"	0.100	ND	97.0	70-130	0.637	20	
o-Xylene	0.115	0.00200	"	0.100	0.000460	115	70-130	2.00	20	
m,p-Xylene	0.216	0.00400	"	0.200	ND	108	70-130	1.71	20	
Surrogate: 1,2-Dichloroethane-d4	0.15		"	0.125		117	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		106	70-130			

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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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 B3J1726 - EPA 3050B

Blank (B3J1726-BLK1)

Prepared: 10/17/2023 Analyzed: 10/20/2023

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

LCS (B3J1726-BS1)

Prepared: 10/17/2023 Analyzed: 10/20/2023

Arsenic	0.0502	0.000100	mg/kg	0.0500		100	80-120			
Barium	5.08	0.0100	"	5.00		102	80-120			
Cadmium	0.0515	0.000100	"	0.0500		103	80-120			
Copper	0.553	0.0100	"	0.500		111	80-120			
Lead	0.0510	0.0100	"	0.0500		102	80-120			
Nickel	0.0503	0.0100	"	0.0500		101	80-120			
Selenium	0.0492	0.000100	"	0.0500		98.5	80-120			
Silver	0.0481	0.000100	"	0.0500		96.3	80-120			
Zinc	0.513	0.100	"	0.500		103	80-120			

Matrix Spike (B3J1726-MS1)

Source: Y310436-01

Prepared: 10/17/2023 Analyzed: 10/20/2023

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 Project Number: [none]
 Project: Timbro 1-3-9-59

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 B3J1726 - EPA 3050B

Matrix Spike (B3J1726-MS1)

Source: Y310436-01

Prepared: 10/17/2023 Analyzed: 10/20/2023

Arsenic	7.71	0.0946	mg/kg	4.73	3.17	96.0	75-125			
Barium	767	9.46	"	473	293	100	75-125			
Cadmium	5.09	0.0946	"	4.73	0.205	103	75-125			
Copper	58.7	9.46	"	47.3	11.3	100	75-125			
Lead	12.3	9.46	"	4.73	8.75	75.0	75-125			
Nickel	12.0	9.46	"	4.73	7.74	90.4	75-125			
Selenium	4.48	0.0946	"	4.73	0.132	91.9	75-125			
Silver	4.50	0.0946	"	4.73	0.0132	94.8	75-125			
Zinc	90.7	94.6	"	47.3	43.6	99.5	75-125			

Matrix Spike Dup (B3J1726-MSD1)

Source: Y310436-01

Prepared: 10/17/2023 Analyzed: 10/20/2023

Arsenic	7.69	0.0913	mg/kg	4.56	3.17	99.0	75-125	0.323	20	
Barium	745	9.13	"	456	293	99.1	75-125	2.90	20	
Cadmium	4.95	0.0913	"	4.56	0.205	104	75-125	2.83	20	
Copper	56.8	9.13	"	45.6	11.3	99.8	75-125	3.28	20	
Lead	12.7	9.13	"	4.56	8.75	85.8	75-125	2.93	20	
Nickel	12.0	9.13	"	4.56	7.74	93.8	75-125	0.0123	20	
Selenium	4.29	0.0913	"	4.56	0.132	91.1	75-125	4.41	20	
Silver	4.32	0.0913	"	4.56	0.0132	94.3	75-125	4.13	20	
Zinc	89.1	91.3	"	45.6	43.6	99.6	75-125	1.82	20	

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 Project Number: [none]
 Project: Timbro 1-3-9-59

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B3J1820 - EPA 3580

Blank (B3J1820-BLK1)

Prepared: 10/18/2023 Analyzed: 10/23/2023

1-Methylnaphthalene	ND	0.002	mg/kg							Ua
2-Methylnaphthalene	ND	0.002	"							Ua
Acenaphthene	ND	0.020	"							Ua
Anthracene	ND	0.020	"							Ua
Benzo (a) anthracene	ND	0.005	"							Ua
Benzo (a) pyrene	ND	0.020	"							Ua
Benzo (b) fluoranthene	ND	0.020	"							Ua
Benzo (g,h,i) perylene	ND	0.020	"							Ua
Benzo (k) fluoranthene	ND	0.020	"							Ua
Chrysene	ND	0.020	"							Ua
Dibenz (a,h) anthracene	ND	0.020	"							Ua
Fluoranthene	ND	0.020	"							Ua
Fluorene	ND	0.020	"							Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"							Ua
Naphthalene	ND	0.002	"							Ua
Phenanthrene	ND	0.020	"							Ua
Pyrene	ND	0.020	"							Ua

Surrogate: Fluorene-d10	200		ug/kg	200	99.9	60-130
Surrogate: Anthracene-d10	200		"	200	99.1	60-130
Surrogate: Pyrene-d10	240		"	200	121	60-130
Surrogate: Benzo (a) pyrene-d12	200		"	200	98.7	60-130

LCS (B3J1820-BS1)

Prepared: 10/18/2023 Analyzed: 10/23/2023

1-Methylnaphthalene	0.202	0.002	mg/kg	0.200	101	70-130
2-Methylnaphthalene	0.200	0.002	"	0.200	100	70-130
Acenaphthene	0.197	0.020	"	0.200	98.5	70-130
Anthracene	0.175	0.020	"	0.200	87.3	70-130

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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B3J1820 - EPA 3580

LCS (B3J1820-BS1)

Prepared: 10/18/2023 Analyzed: 10/23/2023

Benzo (a) anthracene	0.176	0.005	mg/kg	0.200		87.9	70-130			
Benzo (a) pyrene	0.200	0.020	"	0.200		100	70-130			
Benzo (b) fluoranthene	0.202	0.020	"	0.200		101	70-130			
Benzo (g,h,i) perylene	0.200	0.020	"	0.200		99.8	70-130			
Benzo (k) fluoranthene	0.192	0.020	"	0.200		96.2	70-130			
Chrysene	0.189	0.020	"	0.200		94.5	70-130			
Dibenz (a,h) anthracene	0.199	0.020	"	0.200		99.5	70-130			
Fluoranthene	0.192	0.020	"	0.200		95.9	70-130			
Fluorene	0.201	0.020	"	0.200		101	70-130			
Indeno (1,2,3-cd) pyrene	0.181	0.020	"	0.200		90.7	70-130			
Naphthalene	0.201	0.002	"	0.200		100	70-130			
Phenanthrene	0.199	0.020	"	0.200		99.5	70-130			
Pyrene	0.214	0.020	"	0.200		107	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		102	60-130			
Surrogate: Anthracene-d10	200		"	200		99.8	60-130			
Surrogate: Pyrene-d10	220		"	200		108	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.8	60-130			

Matrix Spike (B3J1820-MS1)

Source: Y310401-01

Prepared: 10/18/2023 Analyzed: 10/23/2023

1-Methylnaphthalene	0.203	0.002	mg/kg	0.200	ND	102	70-130			
2-Methylnaphthalene	0.204	0.002	"	0.200	ND	102	70-130			
Acenaphthene	0.199	0.020	"	0.200	ND	99.5	70-130			
Anthracene	0.186	0.020	"	0.200	0.0005	93.0	70-130			
Benzo (a) anthracene	0.186	0.005	"	0.200	ND	92.9	70-130			
Benzo (a) pyrene	0.208	0.020	"	0.200	ND	104	70-130			
Benzo (b) fluoranthene	0.220	0.020	"	0.200	ND	110	70-130			
Benzo (g,h,i) perylene	0.206	0.020	"	0.200	ND	103	70-130			

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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B3J1820 - EPA 3580

Matrix Spike (B3J1820-MS1)		Source: Y310401-01			Prepared: 10/18/2023 Analyzed: 10/23/2023					
Benzo (k) fluoranthene	0.202	0.020	mg/kg	0.200	ND	101	70-130			
Chrysene	0.191	0.020	"	0.200	ND	95.6	70-130			
Dibenz (a,h) anthracene	0.200	0.020	"	0.200	ND	99.9	70-130			
Fluoranthene	0.196	0.020	"	0.200	ND	98.2	70-130			
Fluorene	0.199	0.020	"	0.200	ND	99.4	70-130			
Indeno (1,2,3-cd) pyrene	0.185	0.020	"	0.200	ND	92.6	70-130			
Naphthalene	0.201	0.002	"	0.200	ND	101	70-130			
Phenanthrene	0.195	0.020	"	0.200	ND	97.7	70-130			
Pyrene	0.224	0.020	"	0.200	ND	112	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		99.6	60-130			
Surrogate: Anthracene-d10	190		"	200		94.2	60-130			
Surrogate: Pyrene-d10	230		"	200		113	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		101	60-130			

Matrix Spike Dup (B3J1820-MSD1)		Source: Y310401-01			Prepared: 10/18/2023 Analyzed: 10/23/2023					
1-Methylnaphthalene	0.206	0.002	mg/kg	0.200	ND	103	70-130	1.22	20	
2-Methylnaphthalene	0.198	0.002	"	0.200	ND	99.1	70-130	2.87	20	
Acenaphthene	0.199	0.020	"	0.200	ND	99.4	70-130	0.106	20	
Anthracene	0.180	0.020	"	0.200	0.0005	89.6	70-130	3.64	20	
Benzo (a) anthracene	0.199	0.005	"	0.200	ND	99.5	70-130	6.88	20	
Benzo (a) pyrene	0.206	0.020	"	0.200	ND	103	70-130	0.903	20	
Benzo (b) fluoranthene	0.208	0.020	"	0.200	ND	104	70-130	5.92	20	
Benzo (g,h,i) perylene	0.207	0.020	"	0.200	ND	103	70-130	0.237	20	
Benzo (k) fluoranthene	0.194	0.020	"	0.200	ND	96.8	70-130	4.18	20	
Chrysene	0.193	0.020	"	0.200	ND	96.6	70-130	1.01	20	
Dibenz (a,h) anthracene	0.210	0.020	"	0.200	ND	105	70-130	5.00	20	
Fluoranthene	0.183	0.020	"	0.200	ND	91.5	70-130	7.05	20	

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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B3J1820 - EPA 3580

Matrix Spike Dup (B3J1820-MSD1)	Source: Y310401-01			Prepared: 10/18/2023 Analyzed: 10/23/2023						
Fluorene	0.196	0.020	mg/kg	0.200	ND	97.8	70-130	1.62	20	
Indeno (1,2,3-cd) pyrene	0.216	0.020	"	0.200	ND	108	70-130	15.6	20	
Naphthalene	0.199	0.002	"	0.200	ND	99.7	70-130	0.926	20	
Phenanthrene	0.193	0.020	"	0.200	ND	96.3	70-130	1.49	20	
Pyrene	0.245	0.020	"	0.200	ND	122	70-130	8.78	20	
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	190		"	200		97.4	60-130			
Surrogate: Pyrene-d10	250		"	200		124	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.5	60-130			

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 Project Number: [none]
 Project: Timbro 1-3-9-59

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 B3J2009 - Saturated Paste Metals

Blank (B3J2009-BLK1)

Prepared: 10/20/2023 Analyzed: 10/23/2023

SAR	ND	0.0100	SAR							
Calcium PPM	ND	10.0	mg/L							
Magnesium PPM	ND	10.0	"							
Sodium PPM	ND	10.0	"							

Duplicate (B3J2009-DUP1)

Source: Y310436-01

Prepared: 10/20/2023 Analyzed: 10/23/2023

SAR	ND	0.0100	SAR	3.18					200	
Calcium PPM	23.8	10.0	mg/L	25.0				5.00	50	
Magnesium PPM	3.05	10.0	"	3.08				0.979	50	
Sodium PPM	61.6	10.0	"	63.3				2.68	50	

Batch B3J2012 - DTPA Sorbitol Preparation

Blank (B3J2012-BLK1)

Prepared: 10/20/2023 Analyzed: 10/23/2023

Boron	ND	0.100	mg/L							
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Duplicate (B3J2012-DUP1)

Source: Y310436-01

Prepared: 10/20/2023 Analyzed: 10/23/2023

Boron	0.740	0.0994	mg/L	0.746				0.757	50	
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Batch B3J2013 - DTPA Sorbitol Preparation

Blank (B3J2013-BLK1)

Prepared: 10/20/2023 Analyzed: 10/23/2023

Boron	ND	0.100	mg/L							
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Duplicate (B3J2013-DUP1)

Source: Y310436-02

Prepared: 10/20/2023 Analyzed: 10/23/2023

Boron	0.605	0.101	mg/L	0.597				1.27	50	
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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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 B3J2410 - DTPA Sorbitol Preparation

Blank (B3J2410-BLK1)

Prepared: 10/24/2023 Analyzed: 10/25/2023

Boron ND 0.100 mg/L

Duplicate (B3J2410-DUP1)

Source: Y310604-01

Prepared: 10/24/2023 Analyzed: 10/25/2023

Boron 0.0356 0.0993 mg/L 0.0338 5.16 50

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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

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 B3J2017 - Saturated Paste pH/EC

Blank (B3J2017-BLK1)

Prepared: 10/20/2023 Analyzed: 10/21/2023

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B3J2017-DUP1)

Source: Y310436-01

Prepared: 10/20/2023 Analyzed: 10/21/2023

Specific Conductance (EC)	0.479	0.00500	mmhos/cm	0.450	6.22	25
pH	8.36		pH Units	8.37	0.120	25

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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Total Metals by 7196A - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2510701 - SW846 3060A										
BLANK (1205550307-BLK)					Prepared: 10/19/2023 Analyzed: 10/19/2023					
Hexavalent Chromium	ND	0.376	mg/kg				-			U
LCS (1205550308-BKS)					Prepared: 10/19/2023 Analyzed: 10/19/2023					
Hexavalent Chromium	3.75	0.377	mg/kg	3.77		99.5	80-120			
DUP (1205550309 D)					Source: 641652001 Prepared: 10/19/2023 Analyzed: 10/19/2023					
Hexavalent Chromium	ND	0.495	mg/kg dry		<0.198		0-50	N/A	50	U
MS (1205550310 S)					Source: 641652001 Prepared: 10/19/2023 Analyzed: 10/19/2023					
Hexavalent Chromium	3.32	0.495	mg/kg dry	4.95	<0.198	64.7	75-125			
DUP (1205550311 D)					Source: Y310436-03 Prepared: 10/19/2023 Analyzed: 10/19/2023					
Hexavalent Chromium	ND	0.341	mg/kg dry		<0.137		0-50	N/A	50	U
MS (1205550312 S)					Source: Y310436-03 Prepared: 10/19/2023 Analyzed: 10/19/2023					
Hexavalent Chromium	2.84	0.341	mg/kg dry	3.41	<0.137	83.1	75-125			
ILCS (1205550313-ILCS)					Prepared: 10/19/2023 Analyzed: 10/19/2023					
Hexavalent Chromium	7.51	0.372	mg/kg	7.63		98.4	80-120			

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Verdad Resources
1125 17th St Suite 550
Denver CO 80202

Dean Wagoner
Project Number: [none]
Project: Timbro 1-3-9-59

Notes and Definitions

Ua Sample is Non-Detect.

U Result not detected above the detection limit

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-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 on a wet weight basis.

Calculated results may use J-flag data (instead of reported "ND") as part of calculation to provide a more accurate result.

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