ORIGINS LABORATORY

Absaroka
Joel Mason
112 High St.
Buffalo WY 82834

February 12, 2025

Project Name - Citation - Speaker Unit Compressor

Project Number - CIT.CO.1055.47

Attached are your analytical results for Citation - Speaker Unit Compressor received by Origins Laboratory January 24, 2025. This project is associated with Origins project number E5A0549-01.

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
303.433.1322
projectmanager@originslab.com

THE NELAC INSTITUTE

ACCREDITED
TESTING CERT # 3494.01

Absaroka
112 High St.
Buffalo WY 82834

Joel Mason
Project Number: CIT.CO.1055.47
Project: Citation - Speaker Unit Compressor

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SPKRAST1_NWLEAK3@24"	E5A0549-01	Soil	January 23, 2025 9:22	01/24/2025 14:06

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Jen Pellegrini For Jordan A. Bynon, Project Manager

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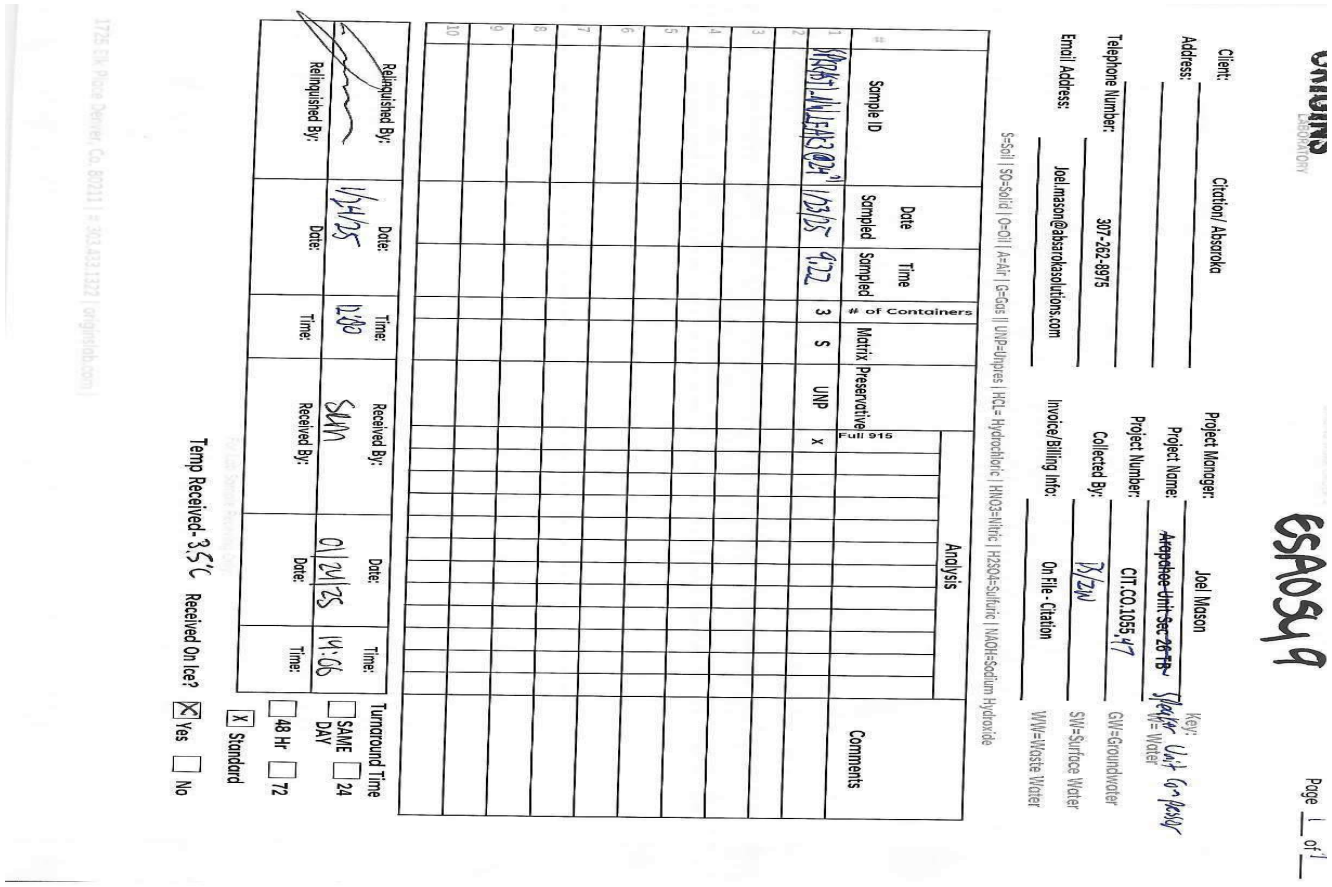

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Jen Pellegrini For Jordan A. Bynon, Project Manager

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Project Number: CIT.CO.1055.47
Project: Citation - Speaker Unit Compressor

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: ES A0549
Client: Absaroka
Client Project ID: Speaker Unit Comp
Checklist Completed by: EM DR
Shipped Via: HD (UPS, FedEx, Hand Delivered, Pick-up, etc.)
Date/time completed: 1/27/25
Airbill #: N/A
Matrix(s) Received: (Check all that apply): X Soil/Solid ____Water ____Other:____ (Describe)
Cooler Number/Temperature: 1 13.5 °c
Thermometer ID: 1007

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C[1]?	✓			
Is there ice present (document if blue ice is used)	✓			
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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+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.*

AS
Reviewed by (Project Manager)

1/28/25
Date/Time Reviewed

Origins Laboratory

Jen Pellegrini For Jordan A. Bynon, Project Manager

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Joel Mason
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Project: Citation - Speaker Unit Compressor

SPKRAST1 NWLEAK3@24"
1/23/2025 9:22:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
Origins Laboratory									
E5A0549-01 (Soil)									
Boron (DTPA Sorbitol)									
Boron	ND		0.988	mg/L	10	B5A2749	01/27/2025	01/30/2025	Ua
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5A2801	01/28/2025	01/30/2025	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua
Surrogate: o-Terphenyl	*86.9 %*		*50-150*			"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5A2757	01/27/2025	01/27/2025	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	*104 %*		*70-130*			"	"	"	

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1/23/2025 9:22:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes

Origins Laboratory

E5A0549-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	*103 %*		*70-130*			*B5A2757*	*01/27/2025*	*01/27/2025*	
Surrogate: 4-Bromofluorobenzene	*90.4 %*		*70-130*			*"*	*"*	*"*	

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	01/27/2025	01/30/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	**1.30**		0.435	"	"	"	"	"	

PAH by 3541/8270

1-Methylnaphthalene	ND	0.00138	0.00417	mg/kg dry	1	2740950	01/30/2025	01/30/2025	U
2-Methylnaphthalene	ND	0.00138	0.00417	"	"	"	"	"	U
Acenaphthene	ND	0.00138	0.00417	"	"	"	"	"	U
Anthracene	ND	0.00138	0.00417	"	"	"	"	"	U
Benzo(a)anthracene	ND	0.00138	0.00417	"	"	"	"	"	U
Benzo(a)pyrene	ND	0.00138	0.00417	"	"	"	"	"	U
Benzo(b)fluoranthene	ND	0.00138	0.00417	"	"	"	"	"	U
Benzo(k)fluoranthene	ND	0.00138	0.00417	"	"	"	"	"	U
Chrysene	ND	0.00138	0.00417	"	"	"	"	"	U
Dibenzo(a,h)anthracene	ND	0.00138	0.00417	"	"	"	"	"	U
Fluoranthene	ND	0.00138	0.00417	"	"	"	"	"	U

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SPKRAST1 NWLEAK3@24"
1/23/2025 9:22:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes

GEL Laboratories, LLC

E5A0549-01 (Soil)

PAH by 3541/8270

Fluorene	ND	0.00138	0.00417	mg/kg dry	1	2740950	01/30/2025	01/30/2025	U
Indeno(1,2,3-cd)pyrene	ND	0.00138	0.00417	"	"	"	"	"	U
Naphthalene	ND	0.00138	0.00417	"	"	"	"	"	U
Pyrene	ND	0.00138	0.00417	"	"	"	"	"	U
Surrogate: 5-alpha-Androstane	*29 %*		*22-135*			"	"	"	

pH in Soil by 9045D

pH	**7.29**			pH Units	1	B5A2751	01/27/2025	01/30/2025	

SAR by 20B Saturated Paste

SAR	**3.39**		0.0100	SAR	1	B5A2746	01/27/2025	01/30/2025	

Specific Conductance Mod. 9050A

Specific Conductance (EC)	**0.224**		0.00500	mmhos/cm	1	B5A2751	01/27/2025	01/31/2025	

Table 915 metals by EPA 6020B

Arsenic	**2.78**		0.281	mg/kg	10	B5A2736	01/27/2025	01/28/2025	
Barium	**79.2**		9.70	"	"	"	"	"	
Cadmium	**0.0990**		0.0970	"	"	"	"	"	

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1/23/2025 9:22:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes

Origins Laboratory

E5A0549-01 (Soil)

Table 915 metals by EPA 6020B

Copper	ND		9.70	mg/kg	10	B5A2736	01/27/2025	01/28/2025	Ua
Lead	**5.15**		0.970	"	"	"	"	"	
Nickel	**6.35**		0.970	"	"	"	"	"	
Selenium	ND		0.252	"	"	"	"	"	Ua
Silver	ND		0.0970	"	"	"	"	"	Ua
Zinc	ND		35.9	"	"	"	"	"	Ua

Total Metals 7196A

Hexavalent Chromium	ND	0.146	0.364	mg/kg dry	1	2741430	01/31/2025	02/03/2025	U

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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5A2757 - EPA 5030 (soil)										
Blank (B5A2757-BLK1)					Prepared: 01/27/2025 Analyzed: 01/27/2025					
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	*0.13*		"	*0.125*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.13*		"	*0.125*		*106*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.11*		"	*0.125*		*91.6*	*70-130*			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5A2757 - EPA 5030 (soil)										
LCS (B5A2757-BS1)					Prepared: 01/27/2025 Analyzed: 01/27/2025					
1,2,4-Trimethylbenzene	0.101	0.00200	mg/kg	0.100		101	70-130			
1,3,5-Trimethylbenzene	0.0995	0.00200	"	0.100		99.5	70-130			
Benzene	0.0898	0.00200	"	0.100		89.8	70-130			
Ethylbenzene	0.100	0.00200	"	0.100		100	70-130			
Naphthalene	0.0934	0.00380	"	0.100		93.4	70-130			
Toluene	0.0903	0.00200	"	0.100		90.3	70-130			
o-Xylene	0.0977	0.00200	"	0.100		97.7	70-130			
m,p-Xylene	0.207	0.00400	"	0.200		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.13*		"	*0.125*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.12*		"	*0.125*		*97.6*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.13*		"	*0.125*		*101*	*70-130*			

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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5A2757 - EPA 5030 (soil)										
Matrix Spike (B5A2757-MS1)		**Source: E5A0549-01**			Prepared: 01/27/2025 Analyzed: 01/28/2025					
1,2,4-Trimethylbenzene	0.0920	0.00200	mg/kg	0.100	ND	92.0	70-130			
1,3,5-Trimethylbenzene	0.0930	0.00200	"	0.100	ND	93.0	70-130			
Benzene	0.0849	0.00200	"	0.100	ND	84.9	70-130			
Ethylbenzene	0.0943	0.00200	"	0.100	ND	94.3	70-130			
Naphthalene	0.0790	0.00380	"	0.100	ND	79.0	70-130			
Toluene	0.0845	0.00200	"	0.100	ND	84.5	70-130			
o-Xylene	0.0923	0.00200	"	0.100	ND	92.3	70-130			
m,p-Xylene	0.191	0.00400	"	0.200	ND	95.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.12*		"	*0.125*		*98.4*	*70-130*			
Surrogate: Toluene-d8	*0.12*		"	*0.125*		*98.3*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.13*		"	*0.125*		*100*	*70-130*			

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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5A2757 - EPA 5030 (soil)										
Matrix Spike Dup (B5A2757-MSD1)		**Source: E5A0549-01**			Prepared: 01/27/2025 Analyzed: 01/28/2025					
1,2,4-Trimethylbenzene	0.0708	0.00200	mg/kg	0.100	ND	70.8	70-130	26.1	20	QR-02
1,3,5-Trimethylbenzene	0.0720	0.00200	"	0.100	ND	72.0	70-130	25.5	20	QR-02
Benzene	0.0697	0.00200	"	0.100	ND	69.7	70-130	19.6	20	QM-07
Ethylbenzene	0.0750	0.00200	"	0.100	ND	75.0	70-130	22.9	20	QR-02
Naphthalene	0.0631	0.00380	"	0.100	ND	63.1	70-130	22.4	20	QM-07
Toluene	0.0688	0.00200	"	0.100	ND	68.8	70-130	20.5	20	QM-07
o-Xylene	0.0731	0.00200	"	0.100	ND	73.1	70-130	23.2	20	QR-02
m,p-Xylene	0.152	0.00400	"	0.200	ND	75.9	70-130	23.1	20	QR-02
Surrogate: 1,2-Dichloroethane-d4	*0.13*		"	*0.125*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.12*		"	*0.125*		*97.5*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*0.12*		"	*0.125*		*98.8*	*70-130*			

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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5A2801 - EPA 3550B										
Blank (B5A2801-BLK1)					Prepared: 01/28/2025 Analyzed: 01/29/2025					
Diesel (C10-C28)	ND	25.0	mg/kg							Ua
Residual Range Organics (C28-C40)	ND	100	"							Ua
Surrogate: o-Terphenyl	*18*		*"*	*24.9*		*74.0*	*50-150*			

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Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5A2801 - EPA 3550B										
LCS (B5A2801-BS1)					Prepared: 01/28/2025 Analyzed: 01/29/2025					
Diesel (C10-C28)	920	50.0	mg/kg	1000		92.0	70-130			
Residual Range Organics (C28-C40)	880	200	"	1000		88.0	70-130			
Surrogate: o-Terphenyl	*53*		*"*	*49.8*		*106*	*50-150*			

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Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5A2801 - EPA 3550B										
Matrix Spike (B5A2801-MS1)		**Source: E5A0548-01**			Prepared: 01/28/2025 Analyzed: 01/29/2025					
Diesel (C10-C28)	908	50.0	mg/kg	1000	ND	90.8	70-130			
Residual Range Organics (C28-C40)	885	200	"	1000	ND	88.5	70-130			
Surrogate: o-Terphenyl	*39*		*"*	*49.8*		*79.0*	*50-150*			

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Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5A2801 - EPA 3550B										
Matrix Spike Dup (B5A2801-MSD1)		**Source: E5A0548-01**			Prepared: 01/28/2025 Analyzed: 01/29/2025					
Diesel (C10-C28)	918	50.0	mg/kg	1000	ND	91.8	70-130	1.11	35	
Residual Range Organics (C28-C40)	913	200	"	1000	ND	91.3	70-130	3.21	35	
Surrogate: o-Terphenyl	*51*		*"*	*49.8*		*103*	*50-150*			

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Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5A2736 - EPA 3050B										
Blank (B5A2736-BLK1)					Prepared: 01/27/2025 Analyzed: 01/28/2025					
Arsenic	ND	0.290	mg/kg							Ua
Barium	ND	10.0	"							Ua
Cadmium	ND	0.100	"							Ua
Copper	ND	10.0	"							Ua
Lead	ND	1.00	"							Ua
Nickel	ND	1.00	"							Ua
Selenium	ND	0.260	"							Ua
Silver	ND	0.100	"							Ua
Zinc	ND	37.0	"							Ua
LCS (B5A2736-BS1)					Prepared: 01/27/2025 Analyzed: 01/28/2025					
Arsenic	4.87	0.290	mg/kg	5.00		97.4	80-120			
Barium	437	10.0	"	500		87.4	80-120			
Cadmium	4.86	0.100	"	5.00		97.2	80-120			
Copper	50.6	10.0	"	50.0		101	80-120			
Lead	4.59	1.00	"	5.00		91.8	80-120			
Nickel	5.01	1.00	"	5.00		100	80-120			
Selenium	4.32	0.260	"	5.00		86.5	80-120			
Silver	5.00	0.100	"	5.00		100	80-120			
Zinc	48.4	37.0	"	50.0		96.8	80-120			
Matrix Spike (B5A2736-MS1)		**Source: E5A0554-01**			Prepared: 01/27/2025 Analyzed: 01/28/2025					

Origins Laboratory

Jen Pellegrini For Jordan A. Bynon, Project Manager

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Absaroka
112 High St.
Buffalo WY 82834

Joel Mason
Project Number: CIT.CO.1055.47
Project: Citation - Speaker Unit Compressor

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5A2736 - EPA 3050B										
Matrix Spike (B5A2736-MS1)		**Source: E5A0554-01**			Prepared: 01/27/2025 Analyzed: 01/28/2025					
Arsenic	7.79	0.260	mg/kg	4.48	3.61	93.2	75-125			
Barium	545	8.96	"	448	108	97.4	75-125			
Cadmium	4.51	0.0896	"	4.48	0.113	98.1	75-125			
Copper	52.4	8.96	"	44.8	7.43	100	75-125			
Lead	10.6	0.896	"	4.48	6.99	80.6	75-125			
Nickel	12.0	0.896	"	4.48	8.04	88.0	75-125			
Selenium	4.17	0.233	"	4.48	0.185	89.1	75-125			
Silver	4.50	0.0896	"	4.48	0.0201	100	75-125			
Zinc	70.1	33.1	"	44.8	30.3	88.7	75-125			
Matrix Spike Dup (B5A2736-MSD1)		**Source: E5A0554-01**			Prepared: 01/27/2025 Analyzed: 01/28/2025					
Arsenic	7.90	0.283	mg/kg	4.87	3.61	87.9	75-125	1.41	20	
Barium	548	9.75	"	487	108	90.2	75-125	0.595	20	
Cadmium	4.91	0.0975	"	4.87	0.113	98.3	75-125	8.52	20	
Copper	55.9	9.75	"	48.7	7.43	99.5	75-125	6.46	20	
Lead	10.7	0.975	"	4.87	6.99	77.1	75-125	1.37	20	
Nickel	11.6	0.975	"	4.87	8.04	72.0	75-125	3.70	20	QM-07
Selenium	4.33	0.253	"	4.87	0.185	85.1	75-125	3.72	20	
Silver	4.88	0.0975	"	4.87	0.0201	99.7	75-125	8.10	20	
Zinc	72.1	36.1	"	48.7	30.3	85.6	75-125	2.83	20	

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Joel Mason
Project Number: CIT.CO.1055.47
Project: Citation - Speaker Unit Compressor

Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5A2746 - Saturated Paste Metals										
Blank (B5A2746-BLK1)					Prepared: 01/27/2025 Analyzed: 01/30/2025					
Calcium PPM	ND	10.0	mg/L							Ua
SAR	ND	0.0100	SAR							Ua
Magnesium PPM	ND	10.0	mg/L							Ua
Sodium PPM	ND	10.0	"							Ua
Duplicate (B5A2746-DUP1)		**Source: E5A0540-01**			Prepared: 01/27/2025 Analyzed: 01/30/2025					
SAR	ND	0.0100	SAR		10.7				200	Ua
Calcium PPM	11.0	10.0	mg/L		12.4			11.7	50	
Magnesium PPM	1.23	10.0	"		1.48			18.5	50	Ua
Sodium PPM	135	10.0	"		150			10.4	50	
Batch B5A2749 - DTPA Sorbitol Preparation										
Blank (B5A2749-BLK1)					Prepared: 01/27/2025 Analyzed: 01/31/2025					
Boron	ND	0.100	mg/L							Ua
Duplicate (B5A2749-DUP1)		**Source: E5A0536-01**			Prepared: 01/27/2025 Analyzed: 01/31/2025					
Boron	ND	1.00	mg/L		ND				50	Ua

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Joel Mason
Project Number: CIT.CO.1055.47
Project: Citation - Speaker Unit Compressor

Saturated Paste - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5A2751 - Saturated Paste pH/EC										
Blank (B5A2751-BLK1)					Prepared: 01/27/2025 Analyzed: 01/31/2025					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							Ua
Duplicate (B5A2751-DUP1)		**Source: E5A0540-01**			Prepared: 01/27/2025 Analyzed: 01/29/2025					
Specific Conductance (EC)	0.748	0.00500	mmhos/cm		0.772			3.12	25	
pH	8.43		pH Units		8.42			0.119	25	

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Joel Mason
Project Number: CIT.CO.1055.47
Project: Citation - Speaker Unit Compressor

PAH by 3541/8270 - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2740950 - SW846 3541										
BLANK (1205988391-BLK)					Prepared: 01/30/2025 Analyzed: 01/30/2025					
Chrysene	ND	0.00329	mg/kg				-			U
Indeno(1,2,3-cd)pyrene	ND	0.00329	"				-			U
1-Methylnaphthalene	ND	0.00329	"				-			U
Naphthalene	ND	0.00329	"				-			U
Benzo(a)anthracene	ND	0.00329	"				-			U
2-Methylnaphthalene	ND	0.00329	"				-			U
Fluoranthene	ND	0.00329	"				-			U
Anthracene	ND	0.00329	"				-			U
Fluorene	ND	0.00329	"				-			U
Benzo(a)pyrene	ND	0.00329	"				-			U
Benzo(b)fluoranthene	ND	0.00329	"				-			U
Benzo(k)fluoranthene	ND	0.00329	"				-			U
Pyrene	ND	0.00329	"				-			U
Dibenzo(a,h)anthracene	0.00165	0.00329	"				-			J
Acenaphthene	ND	0.00329	"				-			U
Surrogate: 5-alpha-Androstane	*0.138*		"	*0.165*		*84*	*22-135*			
LCS (1205988392-BKS)					Prepared: 01/30/2025 Analyzed: 01/30/2025					
Fluorene	0.296	0.00331	mg/kg	0.331		89	37-115			
Pyrene	0.276	0.00331	"	0.331		83	38-117			
Naphthalene	0.273	0.00331	"	0.331		82	38-109			
Indeno(1,2,3-cd)pyrene	0.279	0.00331	"	0.331		84	38-133			
Fluoranthene	0.280	0.00331	"	0.331		84	39-119			
Dibenzo(a,h)anthracene	0.288	0.00331	"	0.331		87	38-132			B
Chrysene	0.291	0.00331	"	0.331		88	42-117			
Benzo(k)fluoranthene	0.270	0.00331	"	0.331		82	40-122			
Benzo(b)fluoranthene	0.276	0.00331	"	0.331		83	39-123			

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Joel Mason
Project Number: CIT.CO.1055.47
Project: Citation - Speaker Unit Compressor

PAH by 3541/8270 - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2740950 - SW846 3541										
LCS (1205988392-BKS)					Prepared: 01/30/2025 Analyzed: 01/30/2025					
Benzo(a)pyrene	0.292	0.00331	mg/kg	0.331		88	39-127			
Benzo(a)anthracene	0.282	0.00331	"	0.331		85	42-120			
Anthracene	0.276	0.00331	"	0.331		83	41-117			
Acenaphthene	0.283	0.00331	"	0.331		85	41-112			
1-Methylnaphthalene	0.257	0.00331	"	0.331		78	39-109			
2-Methylnaphthalene	0.265	0.00331	"	0.331		80	39-110			
Surrogate: 5-alpha-Androstane	*0.147*		"	*0.166*		*89*	*22-135*			
LCSD (1205988393-BKSD)					Prepared: 01/30/2025 Analyzed: 01/30/2025					
Fluoranthene	0.264	0.00333	mg/kg	0.333		79	39-119	6	30	
Benzo(k)fluoranthene	0.256	0.00333	"	0.333		77	40-122	5	30	
Benzo(a)pyrene	0.275	0.00333	"	0.333		83	39-127	6	30	
Benzo(a)anthracene	0.260	0.00333	"	0.333		78	42-120	8	30	
Anthracene	0.258	0.00333	"	0.333		78	41-117	7	30	
Acenaphthene	0.271	0.00333	"	0.333		81	41-112	4	30	
Indeno(1,2,3-cd)pyrene	0.261	0.00333	"	0.333		79	38-133	7	30	
1-Methylnaphthalene	0.253	0.00333	"	0.333		76	39-109	1	30	
Benzo(b)fluoranthene	0.258	0.00333	"	0.333		78	39-123	7	30	
Chrysene	0.268	0.00333	"	0.333		81	42-117	8	30	
Dibenzo(a,h)anthracene	0.270	0.00333	"	0.333		81	38-132	6	30	B
Fluorene	0.278	0.00333	"	0.333		84	37-115	6	30	
Naphthalene	0.270	0.00333	"	0.333		81	38-109	1	30	
Pyrene	0.259	0.00333	"	0.333		78	38-117	6	30	
2-Methylnaphthalene	0.257	0.00333	"	0.333		77	39-110	3	30	
Surrogate: 5-alpha-Androstane	*0.139*		"	*0.166*		*84*	*22-135*			
MS (1205988394 S)		**Source: 705741001**			Prepared: 01/30/2025 Analyzed: 01/30/2025					

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Joel Mason
Project Number: CIT.CO.1055.47
Project: Citation - Speaker Unit Compressor

PAH by 3541/8270 - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2740950 - SW846 3541										
MS (1205988394 S)		**Source: 705741001**			Prepared: 01/30/2025 Analyzed: 01/30/2025					
Naphthalene	0.121	0.00376	mg/kg dry	0.376	<0.00124	32	16-126			
Benzo(b)fluoranthene	0.138	0.00376	"	0.376	<0.00124	37	14-136			
1-Methylnaphthalene	0.121	0.00376	"	0.376	<0.00124	32	15-129			
2-Methylnaphthalene	0.124	0.00376	"	0.376	<0.00124	33	15-132			
Acenaphthene	0.123	0.00376	"	0.376	<0.00124	33	17-129			
Anthracene	0.129	0.00376	"	0.376	<0.00124	34	18-136			
Benzo(a)pyrene	0.144	0.00376	"	0.376	<0.00124	38	16-133			
Benzo(k)fluoranthene	0.136	0.00376	"	0.376	<0.00124	36	18-138			
Chrysene	0.137	0.00376	"	0.376	<0.00124	36	19-129			
Dibenzo(a,h)anthracene	0.142	0.00376	"	0.376	<0.00124	38	11-134			B
Fluoranthene	0.135	0.00376	"	0.376	<0.00124	36	14-136			
Fluorene	0.131	0.00376	"	0.376	<0.00124	35	16-134			
Pyrene	0.133	0.00376	"	0.376	<0.00124	35	12-139			
Benzo(a)anthracene	0.132	0.00376	"	0.376	<0.00124	35	20-132			
Indeno(1,2,3-cd)pyrene	0.135	0.00376	"	0.376	<0.00124	36	13-134			
Surrogate: 5-alpha-Androstane	*0.0666*		"	*0.188*	*0.136*	*35*	*22-135*			
MSD (1205988395 SD)		**Source: 705741001**			Prepared: 01/30/2025 Analyzed: 01/30/2025					
Chrysene	0.123	0.00376	mg/kg dry	0.376	<0.00124	33	19-129	10	30	
Pyrene	0.122	0.00376	"	0.376	<0.00124	32	12-139	9	30	
Naphthalene	0.112	0.00376	"	0.376	<0.00124	30	16-126	7	30	
Indeno(1,2,3-cd)pyrene	0.124	0.00376	"	0.376	<0.00124	33	13-134	9	30	
Fluorene	0.118	0.00376	"	0.376	<0.00124	31	16-134	10	30	
Dibenzo(a,h)anthracene	0.129	0.00376	"	0.376	<0.00124	34	11-134	10	30	B
Benzo(k)fluoranthene	0.121	0.00376	"	0.376	<0.00124	32	18-138	12	30	
2-Methylnaphthalene	0.114	0.00376	"	0.376	<0.00124	30	15-132	9	30	
Benzo(b)fluoranthene	0.124	0.00376	"	0.376	<0.00124	33	14-136	11	30	

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Project: Citation - Speaker Unit Compressor

PAH by 3541/8270 - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2740950 - SW846 3541										
MSD (1205988395 SD)		**Source: 705741001**			Prepared: 01/30/2025 Analyzed: 01/30/2025					
Acenaphthene	0.115	0.00376	mg/kg dry	0.376	<0.00124	31	17-129	7	30	
Anthracene	0.118	0.00376	"	0.376	<0.00124	31	18-136	9	30	
Fluoranthene	0.128	0.00376	"	0.376	<0.00124	34	14-136	5	30	
Benzo(a)anthracene	0.118	0.00376	"	0.376	<0.00124	31	20-132	11	30	
1-Methylnaphthalene	0.111	0.00376	"	0.376	<0.00124	30	15-129	9	30	
Benzo(a)pyrene	0.130	0.00376	"	0.376	<0.00124	34	16-133	10	30	
Surrogate: 5-alpha-Androstane	*0.0692*		*"*	*0.188*	*0.136*	*37*	*22-135*			

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Project Number: CIT.CO.1055.47
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Total Metals 7196A - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2741430 - SW846 3060A										
BLANK (1205989325-BLK)					Prepared: 01/31/2025 Analyzed: 02/03/2025					
Hexavalent Chromium	ND	0.306	mg/kg				-			U
LCS (1205989326-BKS)					Prepared: 01/31/2025 Analyzed: 02/03/2025					
Hexavalent Chromium	3.86	0.379	mg/kg	3.79		102	80-120			
DUP (1205989327 D)		**Source: 705745001**			Prepared: 01/31/2025 Analyzed: 02/03/2025					
Hexavalent Chromium	ND	0.289	mg/kg dry		<0.116		0-50	N/A	50	U
MS (1205989328 S)		**Source: 705745001**			Prepared: 01/31/2025 Analyzed: 02/03/2025					
Hexavalent Chromium	2.62	0.289	mg/kg dry	2.89	<0.116	89	75-125			
DUP (1205989329 D)		**Source: 705749001**			Prepared: 01/31/2025 Analyzed: 02/03/2025					
Hexavalent Chromium	ND	0.311	mg/kg dry		<0.124		0-50	N/A	50	U
MS (1205989330 S)		**Source: 705749001**			Prepared: 01/31/2025 Analyzed: 02/03/2025					
Hexavalent Chromium	2.40	0.311	mg/kg dry	3.11	<0.124	76.8	75-125			
ILCS (1205989331-ILCS)					Prepared: 01/31/2025 Analyzed: 02/03/2025					
Hexavalent Chromium	6.78	0.315	mg/kg	6.39		106	80-120			

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Joel Mason
Project Number: CIT.CO.1055.47
Project: Citation - Speaker Unit Compressor

Notes and Definitions

Ua	Sample is Non-Detect.
U	Result not detected above the detection limit
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	Greater than the detection limit but less than the reporting limit
B	Blank contamination
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference

All soil results are reported on a wet weight basis.

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