



CTEH

Kyle Lawrence

5120 North Shore Drive

North Little Rock AR 72118

August 04, 2025

Project Name - PROJ-054017

Project Number - PROJ-054017

Attached are your analytical results for PROJ-054017 received by Origins Laboratory May 30, 2025. This project is associated with Origins project number E5E1038-01.

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



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



CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GACO0529T156-1CRS001	E5E1038-01	Soil	May 29, 2025 10:45	05/30/2025 07:35
GACO0529T156-1CRS002	E5E1038-02	Soil	May 29, 2025 11:00	05/30/2025 07:35
GACO0529T156-1CRC002	E5E1038-03	Soil	May 29, 2025 11:00	05/30/2025 07:35
GACO0529T156-1CRS003	E5E1038-04	Soil	May 29, 2025 11:20	05/30/2025 07:35
GACO0529T156-1CRS004	E5E1038-05	Soil	May 29, 2025 11:35	05/30/2025 07:35
GACO0529T156-1CRS005	E5E1038-06	Soil	May 29, 2025 10:40	05/30/2025 07:35
GACO0529T156-1CRS006	E5E1038-07	Soil	May 29, 2025 11:10	05/30/2025 07:35
GACO0529T156-1CRS007	E5E1038-08	Soil	May 29, 2025 11:35	05/30/2025 07:35
GACO0529T156-1CRS008	E5E1038-09	Soil	May 29, 2025 11:30	05/30/2025 07:35
GACO0529T156-1CRS009	E5E1038-10	Soil	May 29, 2025 10:45	05/30/2025 07:35
GACO0529T156-1CRS010	E5E1038-11	Soil	May 29, 2025 10:55	05/30/2025 07:35
GACO0529T156-1CRS011	E5E1038-12	Soil	May 29, 2025 11:10	05/30/2025 07:35
GACO0529T156-1CRS012	E5E1038-13	Soil	May 29, 2025 10:45	05/30/2025 07:35
GACO0529T156-1CRS013	E5E1038-14	Soil	May 29, 2025 11:10	05/30/2025 07:35

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GACO0529T156-1CRS014	E5E1038-15	Soil	May 29, 2025 10:45	05/30/2025 07:35
GACO0529T156-1CRC014	E5E1038-16	Soil	May 29, 2025 10:45	05/30/2025 07:35
GACO0529T156-1CRS015	E5E1038-17	Soil	May 29, 2025 11:15	05/30/2025 07:35
GACO0529T156-1CRS016	E5E1038-18	Soil	May 29, 2025 10:45	05/30/2025 07:35
GACO0529T156-1CRS017	E5E1038-19	Soil	May 29, 2025 10:50	05/30/2025 07:35
GACO0529T156-1CRS018	E5E1038-20	Soil	May 29, 2025 11:00	05/30/2025 07:35
GACO0529T156-1CRS019	E5E1038-21	Soil	May 29, 2025 11:00	05/30/2025 07:35

All Chromium Hexavalent samples in this workorder were prepared by EPA 3060A at Enthalpy Denver and analyzed by EPA 7199 at subcontract lab: Enthalpy Richmond. Both laboratories are TNI accredited for this analysis and meets statutory and regulatory requirements for this analysis. See NCM E25005.

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Jen Pellegrini For Jordan A. Bynon, Project Manager

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

CUSTOMER INFORMATION		PROJECT INFORMATION		ANALYST REQUEST		TEST INSTRUCTIONS / COMMENTS	
Enthalpy Analytical - Denver 1275 W. Elk Place, Denver, CO 80211 Phone: 303-433-1322		Name: PROJ-054017 Bishop Loss of Containment Number:		Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water P = Product O = Oil C = Composite SD = Sediment T = Tissue MP = Muffle WW = Wastewater X = Other B = Blank O = Other		UTM Around Time (rush by advanced notice only) Standard: 5 Day: 3 Day: Custom TAT: ASAP Preservatives: 0 = none 1 = HNO ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other	
Company: CTEH Report To: Chem Station, 546 Lawrence, Fort Collins, Colorado Email: kyle.lawrence@enthalpy.com Address: 5120 Northshore Dr, North Little Rock, AR 72118 Phone: Site Name: Galatin, CO Billing Instruction: ctehp@montrose-env.com		Global ID:		Sample Request:		Test Instructions / Comments:	
Sample ID	Sampling Date	Sampling Time (h)	Sample Matrix	Cont. No.	Cont. Size	Initials	Chromium VI MS/MSD
1 GAC085291156-1CRS0801	5/29/2025	18:45 S	G	0	1	4.02 SR	X
2 GAC085291156-1CRS0802	5/29/2025	11:00 S	G	0	1	4.02 SR	X
3 GAC085291156-1CRS0802	5/29/2025	11:00 S	G	0	1	4.02 SR	X
4 GAC085291156-1CRS0803	5/29/2025	11:20 S	G	0	1	4.02 SR	X
5 GAC085291156-1CRS0804	5/29/2025	11:35 S	G	0	1	4.02 SR	X
6 GAC085291156-1CRS0805	5/29/2025	18:40 S	G	0	3	4.02 SR	X X
7 GAC085291156-1CRS0806	5/29/2025	11:10 S	G	0	1	4.02 SR	X
8 GAC085291156-1CRS0807	5/29/2025	11:35 S	G	0	1	4.02 SR	X
9 GAC085291156-1CRS0808	5/29/2025	11:30 S	G	0	1	4.02 SR	X
10							
Relinquished By: Sarah Kelsch Signature: <i>Sarah Kelsch</i> Received By: NB Signature: <i>NB</i> Relinquished By: Entalpy Signature: <i>Entalpy</i> Received By:		Print Name: Sarah Kelsch Company / Title:		Date / Time: 5/29/25 18:00 5/30/25 7:35		Volume provided for MS/MSD	

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Jen Pellegrini For Jordan A. Bynon, Project Manager

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CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

ENTHALPY ANALYTICAL		Chain of custody record		Turn Around Time (rush by advanced notice only)	
Enthalpy Analytical - Denver 1725 W. Elk Place, Denver, CO 80211 Phone: 303-433-3322		Lab No: ES2038 Page: 2 of 3		Standard: <input type="checkbox"/> 5 Day <input type="checkbox"/> 10 Day <input type="checkbox"/> 3 Day Custom TAT: ASAP	
Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water P = Product O = Oil SD = Sediment T = Tissue WP = Waste WW = Wastewater X = Other		Sample Type: C = Composite G = Grab or Discrete B = Blank O = Other		Preservatives: 0 = None 1 = Na2S2O3 2 = HCl 3 = HNO3 4 = H2SO4 5 = NaOH 6 = Other	
Sample Receipt Temp and Notes: 1.0°C vice (lab use only)		Analysis Request:			
Test Instructions / Comments		Chromium VI MS/MSD			
Customer Information Company: CTEH Report To: Heather Tam Kadlubar, Madeline Linkletter Email: heather.tam@enthalpy.com Address: 5120 Northshore Dr, North Little Rock, AR 72113 Phone: Global ID:		Project Information Name: PROJ-054017 Number: Boston Loss of Containment		Status: Received	
Billing Institution: ctehhp@northshore-env.com Sampled By: Lemo Flors		Sampling Date: 5/29/2025 Sampling Time (24 hr): 10:45 S Matrix: G Sample Type: G Cont. No.: 1 Cont. Size: 4.0Z Initials: CF			
Sample ID: GA00852917156-1CRS009 Date: 5/29/2025 Time: 10:45 S Matrix: G Sample Type: G Cont. No.: 1 Cont. Size: 4.0Z Initials: CF		Sample ID: GA00852917156-1CRS010 Date: 5/29/2025 Time: 10:55 S Matrix: G Sample Type: G Cont. No.: 1 Cont. Size: 4.0Z Initials: CF			
Sample ID: GA00852917156-1CRS011 Date: 5/29/2025 Time: 11:10 S Matrix: G Sample Type: G Cont. No.: 1 Cont. Size: 4.0Z Initials: CF		Sample ID: GA00852917156-1CRS012 Date: 5/29/2025 Time: 10:45 S Matrix: G Sample Type: G Cont. No.: 1 Cont. Size: 4.0Z Initials: CF			
Sample ID: GA00852917156-1CRS013 Date: 5/29/2025 Time: 11:10 S Matrix: G Sample Type: G Cont. No.: 1 Cont. Size: 4.0Z Initials: CF		Sample ID: GA00852917156-1CRS014 Date: 5/29/2025 Time: 10:45 S Matrix: G Sample Type: G Cont. No.: 1 Cont. Size: 4.0Z Initials: CF			
Sample ID: GA00852917156-1CRS015 Date: 5/29/2025 Time: 11:15 S Matrix: G Sample Type: G Cont. No.: 1 Cont. Size: 4.0Z Initials: CF		Sample ID: GA00852917156-1CRS016 Date: 5/29/2025 Time: 10:45 S Matrix: G Sample Type: G Cont. No.: 1 Cont. Size: 4.0Z Initials: CF			
Signature: [Signature] Print Name: Lemo Flors Company / Title: CTEH Date / Time: 05-29-25 18:00		Signature: [Signature] Print Name: NR Company / Title: Enthalpy Date / Time: 5/30/25 7:35			

GA00852917156-1CRS

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Jefe Pellegrini

Jen Pellegrini For Jordan A. Bynon, Project Manager

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CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

		Chain of Custody Record Lab No: ESE1038 Page: 3 of 3		Turn Around Time (rush by advanced notice only) Standard: 12 Day 5 Day 1 Day	
Enthalpy Analytical - Denver 11725 W. Elk Place, Denver, CO 80211 Phone: 303-433-3222		Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water P = Product O = Oil C = Composite SD = Sediment T = Tissue WP = Wipe G = Galval or Discrete MW = Wastewater X = Other B = Blank O = Other		Sample Type: Preservatives: 0 = none 1 = Na ₂ S ₂ O ₅ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = H ₂ O ₂ 6 = Other	
CUSTOMER INFORMATION Company: CTEH Report to: Cheryl Shingler, Kyle Lawrence, Eric Cahn, and/or Heraldo, Tom Haddad, Madeline Hildebrand Email: cheryl@enthalpy.com, kyle@enthalpy.com, eric@enthalpy.com Address: 5120 Northshore Dr, North Little Rock, AR 72118 Phone: Site Name: Billing Instruction: chelp@northshore-env.com		PROJECT INFORMATION Name: PROJ-054017 Number: Distrip Loss of Containment P.O. #:		Analysis Request: Chromium VI MS/MSD	
Sample ID 1. GAC005291156-1CR5017 2. GAC005291156-1CR5018 3. GAC005291156-1CR5019		Sampling Date 5/29/2025 5/29/2025 5/29/2025		Sampling Time (24 hr) 10:50 S 11:00 S 11:00 S	
Matrix Type G G G		Sample Pres. No. 0 0 0		Cont. Size 4 oz RF 4 oz RF 4 oz RF	
Initials X X X		Initials X X X		Initials X X X	
Signature [Signature] Print Name: Ronco Flores Company/Title: CTEH Date/Time: 05-29-25 18:00		Signature [Signature] Print Name: Ronco Flores Company/Title: CTEH Date/Time: 05-29-25 18:00		Signature [Signature] Print Name: Ronco Flores Company/Title: CTEH Date/Time: 05-29-25 18:00	
Received By: [Signature] Relinquished By: [Signature] Relinquished By: [Signature] Received By: [Signature]		Received By: [Signature] Relinquished By: [Signature] Relinquished By: [Signature] Received By: [Signature]		Received By: [Signature] Relinquished By: [Signature] Relinquished By: [Signature] Received By: [Signature]	

GAC005291156-1CR5

Origins Laboratory

Jen Pellegrini For Jordan A. Bynon, Project Manager

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CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

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

Sample Receipt Checklist

Origins Work Order: ESEI038 Client: CTEH
 Checklist Completed by: NB/skw Client Project ID: PROJ-054017
 Date/time completed: 5/30/25 Shipped Via: HD (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: _____
 Matrix(s) Received: (Check all that apply): Soil/Solid _____ Water _____ Other: _____
 Cooler Number/Temperature: 1 / 4.3 °C / _____ °C / _____ °C / _____ °C (Describe)
 Thermometer ID: T007

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

Reviewed by (Project Manager) [Signature] Date/Time Reviewed 5/30/25

Origins Laboratory

[Signature]

Jen Pellegrini For Jordan A. Bynon, Project Manager

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CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0529T156-1CRS001
5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-01 (Soil) Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.257	mg/kg	1	B5F0625	06/06/2025	06/30/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0529T156-1CRS002
5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-02 (Soil) Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	0.242		0.242	mg/kg	1	B5F0625	06/06/2025	06/30/2025	

Origins Laboratory

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CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRC002
5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-03 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.254	mg/kg	1	B5F0625	06/06/2025	07/01/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS003
5/29/2025 11:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-04 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.240	mg/kg	1	B5F0625	06/06/2025	07/01/2025	U

Origins Laboratory

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CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS004
5/29/2025 11:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-05 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.256	mg/kg	1	B5F0625	06/06/2025	07/01/2025	U

Origins Laboratory

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5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
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GACO0529T156-1CRS005
5/29/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-06 (Soil) Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.242	mg/kg	1	B5F0625	06/06/2025	07/01/2025	U

Origins Laboratory

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CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
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GACO0529T156-1CRS006
5/29/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-07 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.249	mg/kg	1	B5F0625	06/06/2025	07/01/2025	U

Origins Laboratory

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CTEH
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 North Little Rock AR 72118

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 Project Number: PROJ-054017
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GACO0529T156-1CRS007
5/29/2025 11:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-08 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.251	mg/kg	1	B5F0625	06/06/2025	07/01/2025	U

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CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0529T156-1CRS008

5/29/2025 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-09 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.239	mg/kg	1	B5F0625	06/06/2025	07/01/2025	U

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CTEH
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 North Little Rock AR 72118

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 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS009
5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-10 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.258	mg/kg	1	B5F0625	06/06/2025	07/01/2025	U

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CTEH

5120 North Shore Drive

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Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0529T156-1CRS010

5/29/2025 10:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-11 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.245	mg/kg	1	B5F0625	06/06/2025	07/01/2025	U

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CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS011
5/29/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-12 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.248	mg/kg	1	B5F0625	06/06/2025	07/01/2025	U

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CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0529T156-1CRS012

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-13 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	0.291		0.243	mg/kg	1	B5F0625	06/06/2025	07/01/2025	

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CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0529T156-1CRS013

5/29/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-14 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	0.303		0.253	mg/kg	1	B5F0625	06/06/2025	07/01/2025	

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS014
5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-15 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.242	mg/kg	1	B5F0625	06/06/2025	07/01/2025	U

Origins Laboratory

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North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
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GACO0529T156-1CRC014
5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-16 (Soil) Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.247	mg/kg	1	B5F0626	06/06/2025	07/22/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0529T156-1CRS015
5/29/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-17 (Soil) Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.249	mg/kg	1	B5F0626	06/06/2025	07/22/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS016
5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-18 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.252	mg/kg	1	B5F0626	06/06/2025	07/22/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS017
5/29/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-19 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.257	mg/kg	1	B5F0626	06/06/2025	07/22/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0529T156-1CRS018

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-20 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.255	mg/kg	1	B5F0626	06/06/2025	07/22/2025	U

Origins Laboratory

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CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0529T156-1CRS019

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1038-21 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.241	mg/kg	1	B5F0626	06/06/2025	07/22/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH
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 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

***** DEFAULT GENERAL METHOD *** - Quality Control**
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5F0625 - EPA 3060A

Blank (B5F0625-BLK1)

Prepared: 06/06/2025 Analyzed: 07/01/2025

Hexavalent Chromium	ND	0.250	mg/kg							U
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LCS (B5F0625-BS1)

Prepared: 06/06/2025 Analyzed: 06/30/2025

Hexavalent Chromium	2.60	0.250	mg/kg	2.50		104	80-120			
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Matrix Spike (B5F0625-MS1)

Source: E5E1038-06

Prepared: 06/06/2025 Analyzed: 06/30/2025

Hexavalent Chromium	1.28	0.252	mg/kg	2.52	0.170	44.1	75-125			QM-14
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Matrix Spike (B5F0625-MS2)

Source: E5E1038-06

Prepared: 06/06/2025 Analyzed: 06/30/2025

Hexavalent Chromium	171	24.5	mg/kg	277	ND	61.8	75-125			QM-14
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Matrix Spike Dup (B5F0625-MSD1)

Source: E5E1038-06

Prepared: 06/06/2025 Analyzed: 06/30/2025

Hexavalent Chromium	0.815	0.244	mg/kg	2.44	0.170	26.4	75-125	44.3	200	QM-14
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Post Spike (B5F0625-PS1)

Source: E5E1038-06

Prepared: 06/06/2025 Analyzed: 06/30/2025

Hexavalent Chromium	52.7		ug/L	50.0	3.51	98.3	80-120			
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Batch B5F0626 - EPA 3060A

Blank (B5F0626-BLK1)

Prepared: 06/06/2025 Analyzed: 07/15/2025

Hexavalent Chromium	ND	0.250	mg/kg							U
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LCS (B5F0626-BS1)

Prepared: 06/06/2025 Analyzed: 07/15/2025

Hexavalent Chromium	2.53	0.250	mg/kg	2.50		101	80-120			
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Matrix Spike (B5F0626-MS1)

Source: E5E1040-13

Prepared: 06/06/2025 Analyzed: 07/15/2025

Hexavalent Chromium	0.242	0.247	mg/kg	2.47	ND	9.77	75-125			U
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Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

***** DEFAULT GENERAL METHOD *** - Quality Control**
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5F0626 - EPA 3060A

Matrix Spike (B5F0626-MS2)		Source: E5E1040-13			Prepared: 06/06/2025 Analyzed: 07/16/2025					
Hexavalent Chromium	214	24.2	mg/kg	279	ND	76.7	75-125			
Matrix Spike Dup (B5F0626-MSD1)		Source: E5E1040-13			Prepared: 06/06/2025 Analyzed: 07/15/2025					
Hexavalent Chromium	0.674	0.255	mg/kg	2.55	ND	26.5	75-125	94.4	200	QM-07
Post Spike (B5F0626-PS1)		Source: E5E1040-13			Prepared: 06/06/2025 Analyzed: 07/15/2025					
Hexavalent Chromium	55.3		ug/L	50.0	0.586	109	80-120			

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Kyle Lawrence
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Project: PROJ-054017

Notes and Definitions

- U Sample is Non-Detect.
 - QM-14 The pre-digestion matrix spike recoveries for Cr6 were less than the acceptance range min. The soil sample reduced Cr6 and no measurable native Cr6 existed in the unspiked sample. Batch QC deemed acceptable based on passing LCS recovery.
 - 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.

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager