



CTEH

June 27, 2025

Kyle Lawrence

5120 North Shore Drive

North Little Rock AR 72118

Project Name - PROJ-054017

Project Number - PROJ-054017

Attached are your analytical results for PROJ-054017 received by Origins Laboratory May 22, 2025. This project is associated with Origins project number E5E0781-01.

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
GACO0521T045-1CRS001	E5E0781-01	Soil	May 21, 2025 14:20	05/22/2025 07:45
GACO0521T045-1CRS002	E5E0781-02	Soil	May 21, 2025 14:35	05/22/2025 07:45
GACO0521T045-1CRS003	E5E0781-03	Soil	May 21, 2025 14:50	05/22/2025 07:45
GACO0521T045-1CRS004	E5E0781-04	Soil	May 21, 2025 15:05	05/22/2025 07:45
GACO0521T045-1CRS005	E5E0781-05	Soil	May 21, 2025 15:30	05/22/2025 07:45
GACO0521T045-1CRS006	E5E0781-06	Soil	May 21, 2025 15:50	05/22/2025 07:45
GACO0521T045-1CRS007	E5E0781-07	Soil	May 21, 2025 16:15	05/22/2025 07:45
GACO0521T045-1CRS008	E5E0781-08	Soil	May 21, 2025 16:30	05/22/2025 07:45
GACO0521T045-1CRS009	E5E0781-09	Soil	May 21, 2025 14:20	05/22/2025 07:45
GACO0521T045-1CRS010	E5E0781-10	Soil	May 21, 2025 15:40	05/22/2025 07:45
GACO0521T045-1CRS011	E5E0781-11	Soil	May 21, 2025 15:55	05/22/2025 07:45
GACO0521T045-1CRS012	E5E0781-12	Soil	May 21, 2025 16:10	05/22/2025 07:45
GACO0521T045-1CRS013	E5E0781-13	Soil	May 21, 2025 15:00	05/22/2025 07:45
GACO0521T045-1CRC013	E5E0781-14	Soil	May 21, 2025 15:00	05/22/2025 07:45

Origins Laboratory

Jen Pellegrini For Jordan A. Bynon, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

On 5/22/2025, Elysia Masters contacted Emma Heather Souders via email regarding E5E0781 requesting that sample GACO0521T045-1CRS009 be used as MS/MSD. Requested modifications to the chain of custody were made by Emma Heather Souders on 5/23/2025.

Chain of Custody Modification Request

On 6/27/2025, Kate Weinzirl from CTEH contacted Jennifer Pellegrini via email regarding E5E0781 requesting that one of the two sample IDs GACO0521T045-1CRS013 be updated to GACO0521T045-1CRC013.

Requested modifications to the chain of custody were made by Jennifer Pellegrini on 6/27/2025, and a revised COC is included in the supplemental report.

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager

ORIGINS LABORATORY

CTEH
5120 North Shore Drive
North Little Rock AR 72118

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

Enthalpy Analytical - Denver		Lab No: 6560781		Standard		5 Day		3 Day			
1725 W. Elk Place, Denver, CO 80211		Page: 2 of 2		1 Day		1 Day		ASAP			
Phone 303-433-1322		Matrix: A = Air S = Soil/Solid W = Water		Sample Type:		Preservatives: 0 = none		Sample Receipt Temp and Notes:			
		DW = Drinking Water P = Product O = Oil C = Composite		SD = Seafill T = Tissue WP = Wipe B = Blank O = Other		1 = Na ₂ SO ₃ 2 = HCl		19°C (see note)			
		WW = Wastewater X = Other				3 = HNO ₃ 4 = H ₂ SO ₄					
						5 = NaOH 6 = Other					
CUSTOMER INFORMATION Company: CTEH Report To: Director Brian Kyle Lawrence, Eric Cahn, Andrew Heubald, Tom Wickham, Meredith Bluhm Email: brian.lawrence@enthalpy.com, eric.cahn@enthalpy.com, andrew.heubald@enthalpy.com, tom.wickham@enthalpy.com, meredith.bluhm@enthalpy.com Address: 5120 North Shore Dr, North Little Rock, AR 72118 Phone: Site Name: Salton, CO Billing Instruction: cchap@montrose-env.com		PROJECT INFORMATION Name: PROJ-054017 Number: Bishop Loss of Containment		Analysis Request		Test Instructions / Comments					
Sample ID	Sampling Date	Sampling Time (24 hr)	Matrix	Type	Pres.	No.	Cont.	Site	Cont.	Initials	Chromium VI MS/MSD
1 GAC008211045-1CRS001	5/21/2025	14:20 S	G	0	1	4.0Z	JA	X	X		
2 GAC008211045-1CRS002	5/21/2025	14:35 S	G	0	1	4.0Z	JA	X	X		
3 GAC008211045-1CRS003	5/21/2025	14:50 S	G	0	1	4.0Z	JA	X	X		
4 GAC008211045-1CRS004	5/21/2025	15:05 S	G	0	1	4.0Z	JA	X	X		
5 GAC008211045-1CRS005	5/21/2025	15:30 S	G	0	1	4.0Z	JA	X	X		
6 GAC008211045-1CRS006	5/21/2025	15:50 S	G	0	1	4.0Z	JA	X	X		
7 GAC008211045-1CRS007	5/21/2025	16:15 S	G	0	1	4.0Z	JA	X	X		
8 GAC008211045-1CRS008	5/21/2025	16:30 S	G	0	1	4.0Z	JA	X	X		
9 GAC008211045-1CRS009	5/21/2025	14:20 S	G	0	1	4.0Z	JA	X	X		
10											
Received By: <i>[Signature]</i>		Signature		Print Name: <i>Steve Hawn</i>		Company / Title: <i>Montrose</i>		Date / Time: <i>05/21/25 07:45</i>			
Received By: <i>[Signature]</i>		Signature		Print Name: <i>NLM</i>		Company / Title: <i>Enthalpy</i>		Date / Time: <i>05/21/25 07:45</i>			
Received By:		Signature		Print Name:		Company / Title:		Date / Time:			
Received By:		Signature		Print Name:		Company / Title:		Date / Time:			

GAC008211045-1CRS

Origins Laboratory

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

Enthalpy Analytical - Denver		Chain of Custody Record		Turn Around Time (rush by advanced notice only)					
1725 W. Elk Place, Denver, CO 80211 Phone 303-453-1322		Lab No: 6560781		Standard: 1 Day	3 Day				
ENTHALPY ANALYTICAL Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water P = Product O = Oil SD = Sediment T = Tissue WP = Wire WW = Wastewater X = Other		Page: 2 of 2 Sample Type: C = Composite G = Grab or Discrete B = Blank O = Other Preservatives: 0 = none 1 = Na ₂ S ₂ O ₅ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other		5 Day	ASAP (in use only)				
CUSTOMER INFORMATION			PROJECT INFORMATION						
Company: CTEH	Name: Bishop Loss of Containment	Report To: Enthalpy Analytical, Madison, Kentucky	Number: PROJ-054017	Analysis Request:	Test Instructions/Comments:				
Email: kyle.lawrence@enthalpy.com	P.O. #:	Address: 5120 North Shore Dr, North Little Rock, AR 72118	Site Name: Galton, CO						
Phone: 303-453-1322	Site Name:	Phone: 303-453-1322	Global ID:						
Shipping Instruction: ctehap@northshore-env.com	Sampled By: <i>Carla Hume</i>								
Sample ID	Sampling Date	Sampling Time (24 hr)	Matrix	Sample Type	Pres. No.	Cont. Size	Cont. Initials	Chromium VI MS/MSD	
1 6AC08211845-1058018	5/21/2025	15:40 S	G	0	1	4 oz JA	X		
2 6AC08211845-1058011	5/21/2025	15:55 S	G	0	1	4 oz JA	X		
3 6AC08211845-1058012	5/21/2025	16:10 S	G	0	1	4 oz JA	X		
4 6AC08211845-1058013	5/21/2025	15:00 S	G	0	1	4 oz JA	X		
5 6AC08211845-1058013	5/21/2025	15:00 S	G	0	1	4 oz JA	X		
6									
7									
8									
9									
10									
Relinquished By: <i>[Signature]</i>		Signature		Print Name: <i>Sonia Hume</i>		Company/Title: <i>Montrose</i>		Date/Time: <i>05/21/25 18:00</i>	
Received By: <i>[Signature]</i>		Signature		Print Name: <i>NKM</i>		Company/Title: <i>Enthalpy</i>		Date/Time: <i>05/21/25 07:15</i>	
Relinquished By:		Signature		Print Name:		Company/Title:		Date/Time:	
Received By:		Signature		Print Name:		Company/Title:		Date/Time:	

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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

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: F5E0781

Client: CTEH

Client Project ID: Proj 054017

Checklist Completed by: SHD

Shipped Via: HD

Date/time completed: 5/22/25

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: N/A

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

Cooler Number/Temperature: 119 °C / _____ °C / _____ °C (Describe) _____ °C

Thermometer ID: 7007

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"/>		For sample-09, 3 jars were received instead
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 NaAsO ₂ +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):	<u>of 1 as indicated on COC, did not identify MS/MSD on COC.</u>			

⁽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) SHD

5/22/25
 Date/Time Reviewed

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

Rev 1
06/27/2025

Chain of Custody Record		Turn Around Time (rush by advanced notice only)							
Lab No:	Page:	Standard:	3 Day:						
6560981	2 of 2								
ENTHALPY ANALYTICAL - DENVER 1775 W. Elk Place, Denver, CO 80211 Phone 303-433-1322		Preservatives: 0 = none 1 = Na ₂ S ₂ O ₅ , 2 = HCl 3 = HNO ₃ , 4 = H ₂ SO ₄ 5 = MCH, 6 = Other (lab use only)							
CUSTOMER INFORMATION Company: CTEH Name: PROJ-054017 Bishop, Loss of Containment Report To: Cheryl Bishop, Kyle Lawrence, Eric Cadin, Andrew Penhall, Tom McArthur, Madelyn Bickham Email: kyle.lawrence@enthalpy.com, andrew.cadin@enthalpy.com, tom.mcarthur@enthalpy.com, madelyn.bickham@enthalpy.com Address: 5120 Northshore Dr, North Little Rock, AR 72118 Phone: Galveston, CO Site Name: Global ID: Billing Instruction: ctehap@montrose-envi.com		Sample Type: 0 = Water 1 = Composite 2 = Grab or Discrete 3 = Blank 4 = Other							
PROJECT INFORMATION Name: PROJ-054017 Bishop, Loss of Containment Number: P.O. #: Address: Galveston, CO Site Name: Global ID: Sampled By: Joe Kelly, Allee		Analysis Request: Test Instructions / Comments:							
Sample ID	Sampling Date	Sampling Time (24 hr)	Matrix	Type	Pres.	Cont. No.	Cont. Size	Initials	MS/MSD
1 GAC095211945-1CR5801	5/21/2025	14:28S	G	0	0	1	4.0Z	JA	X
2 GAC095211945-1CR5802	5/21/2025	14:35S	G	0	0	1	4.0Z	JA	X
3 GAC095211945-1CR5803	5/21/2025	14:58S	G	0	0	1	4.0Z	JA	X
4 GAC095211945-1CR5804	5/21/2025	15:05S	G	0	0	1	4.0Z	JA	X
5 GAC095211945-1CR5805	5/21/2025	15:30S	G	0	0	1	4.0Z	JA	X
6 GAC095211945-1CR5806	5/21/2025	15:50S	G	0	0	1	4.0Z	JA	X
7 GAC095211945-1CR5807	5/21/2025	16:15S	G	0	0	1	4.0Z	JA	X
8 GAC095211945-1CR5808	5/21/2025	16:30S	G	0	0	1	4.0Z	JA	X
9 GAC095211945-1CR5809	5/21/2025	14:28S	G	0	0	1	4.0Z	JA	X
10									
Relinquished By: [Signature] Received By: [Signature]		Print Name: Don't Hurl! Allee NLM		Company / Title: Montrose ENTHALPY		Date / Time: 05/21/25 16:04 05/21/25 07:45		Volume for MS/MSD: 6AW020225	

GAC095211945-1CR5809

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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

Rev. 02 KMW 6/27/25

Chain of Custody Record		Turn Around Time (rush by advanced notice only)		Analysis Request		Test Instructions / Comments		
Lab No:	Page:	Standard:	1 Day:	3 Day:	Custom TAT:	ASAP:		
6560981	2 of 2						0.5°C ice ✓ (lab use only)	
ENTHALPY ANALYTICAL Denver Analytical - Denver 1725 W. Elk Place, Denver, CO 80211 Phone 303-433-1322		Mark: A = Air S = Soil/Solid W = Water DW = Drinking Water P = Product O = Oil SD = Sediment T = Tissue WP = Waste WW = Wastewater X = Other		Preservation: 0 = none 1 = Na-SO ₂ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other				
CUSTOMER INFORMATION Company: CTEH Report To: Chelsea Bishop, Kyle Lawrence Eric Cadin Andrew Email: chelsea.bishop@montrose-env.com Address: 5120 Northshore Dr, North Little Rock, AR 72118 Phone: Site Name: Phone: Global ID: Billing Instruction: ctehalp@montrose-env.com		PROJECT INFORMATION Name: PROJ-054017 Bishop Loss of Containment Number: P.O. #: Galton, CO Site Name: Global ID: Sampled By: <i>Jordan A. Bynon</i>		Analysis Request MS/MSD Chromium VI				
Sample ID	Sampling Date	Sampling Time (hr)	Sample Type	Matrix	Pres.	Cont. No.	Cont. Size	Cont. Inhibs
1 GAC095211845-1CR0818	5/21/2025	15:48:5	G	0	0	1	4.02 JA	X
2 GAC095211945-1CR0811	5/21/2025	15:55:5	G	0	0	1	4.02 JA	X
3 GAC095211805-1CR0812	5/21/2025	16:18:5	G	0	0	1	4.02 JA	X
4 GAC095211845-1CR0813	5/21/2025	15:18:5	G	0	0	1	4.02 JA	X
5 GAC095211845-1CR0814	5/21/2025	15:18:5	G	0	0	1	4.02 JA	X
6 GAC095211845-1CR0813	5/21/2025	15:18:5	G	0	0	1	4.02 JA	X
7								
8								
9								
10								
Relinquished By:	Signature	Print Name	Company / Title	Date / Time				
Received By:	<i>[Signature]</i>	Jordan A. Bynon	Montrose	05/21/25 18:00				
Relinquished By:		NKM	ENTHALPY	05/22/25 07:45				
Received By:								
Relinquished By:								
Received By:								

Origins Laboratory

Jen Pellegrini

Jen Pellegrini For Jordan A. Bynon, Project Manager

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5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0521T045-1CRS001

5/21/2025 2:20:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0781-01 (Soil) Enthalpy Analytical									
Chromium Hexavalent by EPA 7199									
Chromium, Hexavalent	ND		0.20	mg/kg	1	BIF0089	06/03/2025	06/04/2025	

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CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0521T045-1CRS002

5/21/2025 2:35:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0781-02 (Soil)									
Enthalpy Analytical									
Chromium Hexavalent by EPA 7199									
Chromium, Hexavalent	ND		0.20	mg/kg	1	BIF0089	06/03/2025	06/04/2025	

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CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0521T045-1CRS003

5/21/2025 2:50:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0781-03 (Soil) Enthalpy Analytical									
Chromium Hexavalent by EPA 7199									
Chromium, Hexavalent	ND		0.20	mg/kg	1	BIF0089	06/03/2025	06/04/2025	

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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

GACO0521T045-1CRS004

5/21/2025 3:05:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0781-04 (Soil) Enthalpy Analytical									
Chromium Hexavalent by EPA 7199									
Chromium, Hexavalent	ND		0.20	mg/kg	1	BIF0089	06/03/2025	06/04/2025	

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CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

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

GACO0521T045-1CRS005
5/21/2025 3:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0781-05 (Soil)									
Enthalpy Analytical									
Chromium Hexavalent by EPA 7199									
Chromium, Hexavalent	1.32		0.20	mg/kg	1	BIF0089	06/03/2025	06/04/2025	

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CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

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

GACO0521T045-1CRS006

5/21/2025 3:50:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0781-06 (Soil)									
Enthalpy Analytical									
Chromium Hexavalent by EPA 7199									
Chromium, Hexavalent	ND		0.20	mg/kg	1	BIF0089	06/03/2025	06/04/2025	

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CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0521T045-1CRS007

5/21/2025 4:15:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0781-07 (Soil) Enthalpy Analytical									
Chromium, Hexavalent by EPA 7199									
Chromium, Hexavalent	ND		0.19	mg/kg	1	BIF0190	06/10/2025	06/11/2025	

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CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0521T045-1CRS008

5/21/2025 4:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0781-08 (Soil) Enthalpy Analytical									
Chromium, Hexavalent by EPA 7199									
Chromium, Hexavalent	ND		0.20	mg/kg	1	BIF0190	06/10/2025	06/11/2025	

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CTEH
 5120 North Shore Drive
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Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0521T045-1CRS009

5/21/2025 2:20:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0781-09RE1 (Soil) Enthalpy Analytical									
Chromium, Hexavalent by EPA 7199									
Chromium, Hexavalent	ND		0.20	mg/kg	1	BIF0190	06/10/2025	06/12/2025	

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

GACO0521T045-1CRS010

5/21/2025 3:40:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0781-10 (Soil) Enthalpy Analytical									
Chromium, Hexavalent by EPA 7199									
Chromium, Hexavalent	ND		0.20	mg/kg	1	BIF0190	06/10/2025	06/11/2025	

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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

GACO0521T045-1CRS011

5/21/2025 3:55:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0781-11 (Soil) Enthalpy Analytical									
Chromium, Hexavalent by EPA 7199									
Chromium, Hexavalent	ND		0.20	mg/kg	1	BIF0190	06/10/2025	06/11/2025	

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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

GACO0521T045-1CRS012

5/21/2025 4:10:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0781-12 (Soil) Enthalpy Analytical									
Chromium, Hexavalent by EPA 7199									
Chromium, Hexavalent	ND		0.20	mg/kg	1	BIF0190	06/10/2025	06/11/2025	

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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

GACO0521T045-1CRS013

5/21/2025 3:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0781-13 (Soil) Enthalpy Analytical									
Chromium, Hexavalent by EPA 7199									
Chromium, Hexavalent	ND		0.20	mg/kg	1	BIF0190	06/10/2025	06/11/2025	

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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

GACO0521T045-1CRC013
5/21/2025 3:00:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0781-14 (Soil)									
Enthalpy Analytical									
Chromium, Hexavalent by EPA 7199									
Chromium, Hexavalent	ND		0.20	mg/kg	1	BIF0190	06/10/2025	06/11/2025	

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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

**Chromium Hexavalent by EPA 7199 - Quality Control
 Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIF0089 - No Prep IC-WET										
Blank (BIF0089-BLK1)										
										Prepared: 06/03/2025 Analyzed: 06/04/2025
Chromium, Hexavalent	ND	0.005	mg/kg				-			
LCS (BIF0089-BS1)										
										Prepared: 06/03/2025 Analyzed: 06/04/2025
Chromium, Hexavalent	0.05	0.005	mg/kg	0.0500		97.5	80-120			
LCS (BIF0089-BS2)										
										Prepared: 06/03/2025 Analyzed: 06/04/2025
Chromium, Hexavalent	7.19	1.00	mg/kg	8.40		85.6	80-120			
Matrix Spike (BIF0089-MS1)										
										Source: 25E2440-14 Prepared: 06/03/2025 Analyzed: 06/04/2025
Chromium, Hexavalent	1.62	0.20	mg/kg	2.03	0.09	75.3	75-125			
Matrix Spike Dup (BIF0089-MSD1)										
										Source: 25E2440-14 Prepared: 06/03/2025 Analyzed: 06/04/2025
Chromium, Hexavalent	1.71	0.21	mg/kg	2.07	0.09	78.2	75-125	5.26	20	

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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

**Chromium, Hexavalent by EPA 7199 - Quality Control
 Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BIF0190 - No Prep IC-WET

Blank (BIF0190-BLK1)					Prepared: 06/10/2025 Analyzed: 06/11/2025					
Chromium, Hexavalent	ND	0.005	mg/kg				-			
LCS (BIF0190-BS1)					Prepared: 06/10/2025 Analyzed: 06/11/2025					
Chromium, Hexavalent	0.05	0.005	mg/kg	0.0500		96.7	80-120			
LCS (BIF0190-BS2)					Prepared: 06/10/2025 Analyzed: 06/11/2025					
Chromium, Hexavalent	6.95	1.00	mg/kg	8.40		82.7	80-120			
Matrix Spike (BIF0190-MS1)					Prepared: 06/10/2025 Analyzed: 06/11/2025					
Chromium, Hexavalent	ND	0.20	mg/kg	1.98	ND		75-125			M
Matrix Spike (BIF0190-MS2)					Prepared: 06/10/2025 Analyzed: 06/12/2025					
Chromium, Hexavalent	0.90	0.20	mg/kg	0.983	ND	91.6	75-125			
Matrix Spike (BIF0190-MS3)					Prepared: 06/10/2025 Analyzed: 06/12/2025					
Chromium, Hexavalent	1.75	0.20	mg/kg	1.97	ND	89.2	75-125			
Matrix Spike Dup (BIF0190-MSD1)					Prepared: 06/10/2025 Analyzed: 06/11/2025					
Chromium, Hexavalent	ND	0.20	mg/kg	2.00	ND		75-125		20	M

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CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

Notes and Definitions

M Matrix spike recovery is outside established acceptance limits

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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