



**CTEH**

**Kyle Lawrence**

**5120 North Shore Drive**

**North Little Rock AR 72118**

**June 12, 2025**

**Project Name - PROJ-054017**

**Project Number - PROJ-054017**

Attached are your analytical results for PROJ-054017 received by Origins Laboratory May 25, 2025. This project is associated with Origins project number E5E0899-01.

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



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Project Number: PROJ-054017

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## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GACO0523T090-1S001	E5E0899-01	Soil	May 23, 2025 15:25	05/25/2025 08:00

Origins Laboratory

Jen Pellegrini For Jordan A. Bynon, Project Manager

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# ORIGINS

## LABORATORY

CTEH

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Origins Laboratory

### Sample Receipt Checklist

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

Origins Work Order: E5E0899

Client: CTEH

Client Project ID: PROJ-054017

Checklist Completed by: JAR / jar

Shipped Via: HID

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

Date/time completed: 5/25/25

Airbill #: N/A

Matrix(s) Received: (Check all that apply): X Soil/Solid

Water

Other: \_\_\_\_\_

(Describe)

Cooler Number/Temperature: 1 12.4 °C

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 <sup>(1)</sup> ?	<u>X</u>			
Is there ice present (document if blue ice is used)?	<u>X</u>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<u>X</u>			
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<u>X</u>		
Were all samples received intact <sup>(1)</sup> ?	<u>X</u>			
Was adequate sample volume provided <sup>(1)</sup> ?	<u>X</u>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?			<u>X</u>	
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<u>X</u>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<u>X</u>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<u>X</u>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<u>X</u>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<u>X</u>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) / pH < 2 for samples preserved with HNO <sub>3</sub> , HCl, H <sub>2</sub> SO <sub>4</sub> / pH > 10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			<u>X</u>	
Additional Comments (if any):				

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

Reviewed by (Project Manager) JAR

Date/Time Reviewed 5/27/25

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GACO0523T090-1S001

5/23/2025 3:25:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0899-01 (Soil) Enthalpy Orange									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.29	mg/Kg	1	373151	06/05/2025	06/05/2025	ND

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 373151 - EPA 3060A</b>										
<b>BLANK (QC1263431)</b>					Prepared: 06/05/2025 Analyzed: 06/05/2025					
Hexavalent Chromium	ND	0.30	mg/Kg				-			ND
<b>LCS (QC1263432)</b>					Prepared: 06/05/2025 Analyzed: 06/05/2025					
Hexavalent Chromium	40.65	0.6000	mg/Kg	40.00		102	80-120			
<b>Duplicate (QC1263434)</b>					Prepared: 06/05/2025 Analyzed: 06/05/2025					
		<b>Source: 534305-001</b>								
Hexavalent Chromium	ND	0.2896	mg/Kg		0		-	30		ND
<b>Matrix Spike (QC1263435)</b>					Prepared: 06/05/2025 Analyzed: 06/05/2025					
		<b>Source: 534305-001</b>								
Hexavalent Chromium	26.96	0.5792	mg/Kg	38.61	0	70	70-130			

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### Notes and Definitions

ND Not Detected

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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