



**CTEH**

**Kyle Lawrence**

**5120 North Shore Drive**

**North Little RockAR 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 E5E0907-01.

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**





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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
GACO0523T122S001	E5E0907-01	Soil	May 23, 2025 9:20	05/25/2025 08:00

Origins Laboratory

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.

Jen Pellegrini For Jordan A. Bynon, Project Manager



# ORIGINS LABORATORY

CTEH

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Project Number: PROJ-054017

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ENTHALPY ANALYTICAL				Lab No:		Turn Around Time (not by advanced notice only)	
ENTHALPY ANALYTICAL				Standard	1 Day	3 Day	ASAP
<b>Customer Information</b> Company: CTEH Name: Home Design Life Science for CTEH, Atlanta Report To: Home Design Life Science for CTEH, Atlanta Email: kyle.lawrence@cteh.com Address: 5120 North Shore Drive, North Little Rock, AR 72118 Phone: (505) 555-1234 Site Name: CTEH Global ID: 123456789				<b>Project Information</b> Name: PROJ-054017 Project: 2018-2019 Location: CTEH		<b>Analysis Request</b> Matrix: A=Air, S=Soil, W=Water, P=Product, O=Other Sample Type: 1=Soil, 2=Air, 3=Water, 4=Product, 5=Other SD=Soil, T=Tissue, WP=Water, B=Blank, O=Other Analysis: 1=MS/MS, 2=GC, 3=HPLC, 4=HPLC/MS, 5=Other	
<b>Test Instructions/Comments</b> 1. 8							
<b>Chromium VI MS/MSD</b> Sample ID: 1 Date: 5/13/2015 Sampling Time (h): 9:20 Matrix: 1 Cont. Cont.: 1 Initials: K							
<b>Signature</b> Received By: [Signature] Date: 5/13/2015							
<b>Print Name</b> Received By: Kyle Lawrence Date: 5/13/2015							
<b>Company/Title</b> Received By: Kyle Lawrence Date: 5/13/2015							
<b>Date/Time</b> Received By: 5/13/2015 10:00 Date: 5/13/2015							

Origins Laboratory

*Jen Pellegrini*

Jen Pellegrini For Jordan A. Bynon, Project Manager

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# ORIGINS

## LABORATORY

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Project Number: PROJ-054017

Project: PROJ-054017

Origins Laboratory

F-012207-01-R1

Effective Date: 01/09/12

### Sample Receipt Checklist

Origins Work Order: ES60907

Client: CTEH

Client Project ID: PROJ-054017

Checklist Completed by: JAB/NKM

Shipped Via: HD

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

Date/time completed: 5/25/25

Airbill #: N/A

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

☐ Water

☐ Other:

(Describe)

Cooler Number/Temperature: 1 / 1.8 °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> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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 Na <sub>2</sub> CO <sub>3</sub> +NaOH, ZnAc+NaOH)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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 in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) SAB

Date/Time Reviewed 5/27/25

Origins Laboratory

*Jen Pellegrini*

Jen Pellegrini For Jordan A. Bynon, Project Manager

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Project Number: PROJ-054017

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GACO0523T122S001

5/23/2025 9:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0907-01 (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: E5E0907-01</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: E5E0907-01</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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