

July 29, 2024

Verdad Resources

Dean Wagoner

1125 17th St Suite 550

Denver CO 80202

Project Name - Timbro 1-3-9-59

Project Number - [none]

Attached are your analytical results for Timbro 1-3-9-59 received by Origins Laboratory, Inc. July 24, 2024. This project is associated with Origins project number Y407628-01.

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, Inc.
303.433.1322
o-squad@oelabinc.com



Verdad Resources
1125 17th St Suite 550
Denver CO 80202

Dean Wagoner
Project Number: [none]
Project: Timbro 1-3-9-59

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Timbro 1-3 BG#1	Y407628-01	Soil	July 24, 2024 11:10	07/24/2024 14:48
Timbro 1-3 BG#2	Y407628-02	Soil	July 24, 2024 11:15	07/24/2024 14:48
Timbro 1-3 BG#3	Y407628-03	Soil	July 24, 2024 11:20	07/24/2024 14:48

Origins Laboratory, Inc.



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Dean Wagoner
 Project Number: [none]
 Project: Timbro 1-3-9-59

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4407628 Client: Verdad
 Checklist Completed by: EHO Client Project ID: Timbro 1-3
 Date/Time completed: 7/24/24 Shipped Via: HO
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A
 Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1 / 16.9 °C _____ °C _____ °C (Describe)
 Thermometer ID: 7005

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?				<u>SO</u>
Is there ice present (document if blue ice is used)	<input checked="" 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 type="checkbox"/>	<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 type="checkbox"/>	<input checked="" type="checkbox"/>		
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<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 type="checkbox"/>	<input type="checkbox"/>	<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 in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) [Signature]

7/25/24
 Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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Dean Wagoner
Project Number: [none]
Project: Timbro 1-3-9-59

Timbro 1-3 BG#1
7/24/2024 11:10:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y407628-01 (Soil)

Table 915 metals by EPA 6020B

Arsenic	5.49	0.243	mg/kg	10	B4G2339	HJD	07/25/2024	07/27/2024	
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Dean Wagoner
Project Number: [none]
Project: Timbro 1-3-9-59

Timbro 1-3 BG#2
7/24/2024 11:15:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y407628-02 (Soil)

Table 915 metals by EPA 6020B

Arsenic	2.98	0.255	mg/kg	10	B4G2339	HJD	07/25/2024	07/27/2024	
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Dean Wagoner
Project Number: [none]
Project: Timbro 1-3-9-59

Timbro 1-3 BG#3
7/24/2024 11:20:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y407628-03 (Soil)

Table 915 metals by EPA 6020B

Arsenic	2.87	0.252	mg/kg	10	B4G2339	HJD	07/25/2024	07/27/2024	
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 Project Number: [none]
 Project: Timbro 1-3-9-59

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4G2339 - EPA 3050B										
Blank (B4G2339-BLK1)					Prepared: 07/25/2024 Analyzed: 07/27/2024					
Arsenic	ND	0.290	mg/kg							
LCS (B4G2339-BS1)					Prepared: 07/25/2024 Analyzed: 07/27/2024					
Arsenic	5.21	0.290	mg/kg	5.00		104	80-120			
Matrix Spike (B4G2339-MS1)		Source: Y407609-01			Prepared: 07/25/2024 Analyzed: 07/27/2024					
Arsenic	9.54	0.280	mg/kg	4.82	4.27	109	75-125			
Matrix Spike Dup (B4G2339-MSD1)		Source: Y407609-01			Prepared: 07/25/2024 Analyzed: 07/27/2024					
Arsenic	9.56	0.270	mg/kg	4.66	4.27	113	75-125	0.213	20	

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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