

July 12, 2021

Verdad Resources

Dean Wagoner

1125 17th St Suite 550

Denver CO 80202

Project Name - Timbro 1-31-10-59

Project Number - [none]

Attached are your analytical results for Timbro 1-31-10-59 received by Origins Laboratory, Inc. July 06, 2021. This project is associated with Origins project number Y107103-01.

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 1-31-10-59

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Timbro 1-31 H20 1	Y107103-01	Water	July 6, 2021 14:50	07/06/2021 16:50

Origins Laboratory, Inc.



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 Project Number: [none]
 Project: Timbro 1-31-10-59

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

Sample Receipt Checklist

Origins Work Order: Y107103 Client: Verdad
 Checklist Completed by: JG Client Project ID: Timbro 1-31-10-59
 Date/time completed: 7/6/11 Shipped Via: HS
 (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, 304 °C _____ °C _____ °C (Describe) _____ °C
 Thermometer ID: T003

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"/>		<u>Same Day</u>
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 NaAsO 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 in the additional comments (above) and the case narrative.

Reviewed by: JM (Project Manager)

Date/Time Reviewed: 7-7-11

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 Project: Timbro 1-31-10-59

Timbro 1-31 H2O 1
7/6/2021 2:50:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
Y107103-01 (Water)

Total Metals by 3500CrB-2011

Chromium, Hexavalent	ND	10	µg/L	1	L562780		07/06/2021	07/08/2021	
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Total Metals by EPA-200.8

Arsenic	10.8	2.5	µg/L	5	L562727		07/08/2021	07/09/2021	
Barium	28700	10	"	10	"		"	"	
Cadmium	ND	1	"	"	"		"	"	
Copper	7.25	2.5	"	5	"		"	"	
Lead	ND	5	"	10	"		"	"	
Nickel	ND	2.5	"	5	"		"	"	
Selenium	10.1	10	"	10	"		"	"	
Silver	ND	0.5	"	5	"		"	"	
Zinc	ND	100	"	"	"		"	"	

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Project Number: [none]
Project: Timbro 1-31-10-59

Total Metals by 3500CrB-2011 - Quality Control
Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L562780 -

LCS (LCS)

Prepared: Analyzed: 07/08/2021

Chromium, Hexavalent	121	3	µg/L	125	97	90-110
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LRB (LRB)

Prepared: Analyzed: 07/08/2021

Chromium, Hexavalent	ND	10	µg/L			-
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Total Metals by EPA-200.8 - Quality Control
Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L562727 - EPA-200.8

MSD (G 54539-MSD-L562727)		Source: 54539			Prepared: 07/08/2021 Analyzed: 07/09/2021					
Zinc	560	5	µg/L	500	37.4	105	70-130	0.8	20	
Barium	179	0.322	"	100	77	102	70-130	1.1	20	
Cadmium	10	0.0673	"	10	<0.0673	100	70-130	1.9	20	
Copper	56.7	0.5	"	50	8.88	96	70-130	0	20	
Lead	50.9	0.458	"	50	<0.458	102	70-130	0.7	20	
Nickel	93.4	0.182	"	50	42.9	101	70-130	3.5	20	
Selenium	101	0.591	"	100	0.787	101	70-130	0.9	20	
Silver	9.83	0.0223	"	10	0.0397	98	70-130	1.2	20	
Arsenic	59.5	0.405	"	50	3.61	112	70-130	0.3	20	

MS (G 54539-MS-L562727)		Source: 54539			Prepared: 07/08/2021 Analyzed: 07/09/2021					
Silver	9.95	0.0223	µg/L	10	0.0397	100	70-130			
Selenium	102	0.591	"	100	0.787	102	70-130			
Nickel	90.1	0.182	"	50	42.9	94	70-130			
Lead	50.5	0.458	"	50	<0.458	101	70-130			
Copper	56.7	0.5	"	50	8.88	96	70-130			
Cadmium	10.2	0.0673	"	10	<0.0673	102	70-130			
Arsenic	59.3	0.405	"	50	3.61	111	70-130			
Zinc	565	5	"	500	37.4	106	70-130			
Barium	177	0.322	"	100	77	100	70-130			

LCS (LCS-L562727)		Prepared: 07/08/2021 Analyzed: 07/09/2021								
Cadmium	9.9	0.0673	µg/L	10		99	85-115			
Copper	48	0.5	"	50		96	85-115			
Lead	49.6	0.458	"	50		99	85-115			
Nickel	47.9	0.182	"	50		96	85-115			
Selenium	101	0.591	"	100		101	85-115			

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Total Metals by EPA-200.8 - Quality Control
Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L562727 - EPA-200.8

LCS (LCS-L562727)

Prepared: 07/08/2021 Analyzed: 07/09/2021

Silver	9.75	0.0223	µg/L	10		98	85-115			
Zinc	483	5	"	500		97	85-115			
Barium	98.4	0.322	"	100		98	85-115			
Arsenic	50.2	0.405	"	50		100	85-115			

LRB (LRB-L562727)

Prepared: 07/08/2021 Analyzed: 07/09/2021

Arsenic	ND	0.5	µg/L				-			
Zinc	ND	20	"				-			
Silver	ND	0.1	"				-			
Selenium	ND	1	"				-			
Nickel	ND	0.5	"				-			
Lead	ND	0.5	"				-			
Copper	ND	0.5	"				-			
Barium	ND	1	"				-			
Cadmium	ND	0.1	"				-			

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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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