

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

December 11, 2023

Tanna Lyon

Ensolum, LLC

11049 W. 44th Ave, Ste 100

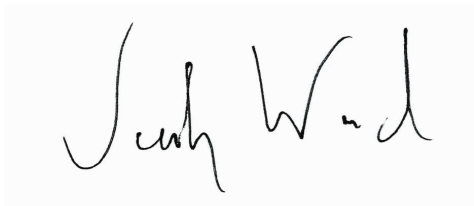
Wheat Ridge, CO 80033

RE: Civitas - Blue 3-65 33-32-31

Work Order #2311349

Enclosed are the results of analyses for samples received by Summit Scientific on 11/16/23 16:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jacob Wood". The signature is written in a cursive, flowing style.

Jacob Wood For Paul Shrewsbury

President



Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
12/11/23 10:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BG01@0.5'	2311349-01	Soil	11/16/23 00:00	11/16/23 16:25
BG02@0.5'	2311349-02	Soil	11/16/23 00:00	11/16/23 16:25
BG03@0.5'	2311349-03	Soil	11/16/23 00:00	11/16/23 16:25
BG04@0.5'	2311349-04	Soil	11/16/23 00:00	11/16/23 16:25
BG05@0.5'	2311349-05	Soil	11/16/23 00:00	11/16/23 16:25

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4653 Table Mountain Drive
Golden, CO 80403
303-277-9310

Lab ID	Page 1 of 1
2311349	

Client: <u>Ensolum</u>		Send Data To:		Send Invoice To:	
Address: <u>11044 W. 44th Ave. Ste 160</u>		Project Manager: <u>Tanna Lyon</u>		Company: <u>Civitas Resources</u>	
City/State/Zip: <u>Wheat Ridge, CO, 80033</u>		E-Mail: <u>tlyon@ensolum.com / bsulzberger@ensolum.com / cmcqueen@civitasresources.com</u>		Project Name/Location: <u>Blue 3-65 33-32-31</u>	
Phone: <u>720-363-6416</u>		Project Name: <u>Blue 3-65 33-32-31</u>		AFE#: <u>P1671 PD</u>	
Sampler Name: <u>Max Bufty</u>		Project Number: <u>09C2407007</u>		PO/Billing Codes: <u>M/M: 8520.162</u>	
				Contact: <u>Costin McQueen</u>	

		Preservative				Matrix				Analysis Requested				Special Instructions	
ID	Sample Description	Date Sampled	Time Sampled	# of containers	HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	Full List 9/15/1		
1	BG01 @ 0.5'	11/16/23		3			X			X				on Hold ↓	
2	BG02 @ 0.5'	↓		↓			↓			↓					
3	BG03 @ 0.5'	↓		↓			↓			↓					
4	BG04 @ 0.5'	↓		↓			↓			↓					
5	BG05 @ 0.5'	↓		↓			↓			↓					
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															

Relinquished by: <u>Maxwell Bufty</u>	Date/Time: <u>11/16/23 16:25</u>	Received by: <u>Josh W. d</u>	Date/Time: <u>11/16/23 16:25</u>	TAT Business Days	Field DO	Notes: Don't send reports on Fri days
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day <input checked="" type="checkbox"/>	Field EC	
				1 Day <input type="checkbox"/>	Field ORP	
				2 Days <input type="checkbox"/>	Field pH	
				3 Days <input type="checkbox"/>	Field Temp.	
Relinquished by:	Date/Time:	Received by:	Date/Time:	Standard <input type="checkbox"/>	Field Turb.	
Temperature Upon Receipt: <u>13.0</u>	Corrected Temperature: _____	IR gun #: <u>2</u>	HNO3 lot #: _____			

S₂

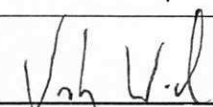
Sample Receipt Checklist

S2 Work Order# 2311349

Client: EnSol/m Client Project ID: Ble 3-65 33-32-31Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other ☐ Airbill #: ☐
☒ ☐ ☐ ☐ ☐
Matrix (Check all that apply) Air ☐ Soil/Solid ☒ Water ☐ Other ☐Temp (°C) 13.0Thermometer # 2

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	on fire
If custody seals are present, are they intact? ⁽¹⁾	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples due within 48 hours present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	same day (on hold)
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	no sample times
Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? ⁽¹⁾	<input checked="" type="checkbox"/>	<input 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"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace 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 (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<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 in case narrative.


 Custodian Printed Name

 11/16/23 16:25
 Date/Time



Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
12/11/23 10:07

BG01@0.5'
2311349-01 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: 11/16/23 00:00									
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	1.04	0.200	mg/kg dry	1	BGL0028	12/01/23	12/02/23	EPA 6020B	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: 11/16/23 00:00									
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	71.8	0.0500	mg/L dry	1	BGL0132	12/04/23	12/06/23	EPA 6020B	
Magnesium	25.0	0.0500	"	"	"	"	"	"	
Sodium	2.04	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: 11/16/23 00:00									
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.0528	0.00100	units	1	BGL0334	12/08/23	12/08/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: 11/16/23 00:00									
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	89.5		%	1	BGL0015	12/01/23	12/01/23	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: 11/16/23 00:00									
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.170	0.0100	mmhos/cm	1	BGL0137	12/05/23	12/06/23	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

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Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
12/11/23 10:07

BG01@0.5'
2311349-01 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	5.82			pH Units	1	BGL0139	12/05/23	12/06/23	EPA 9045D	

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Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
12/11/23 10:07

BG02@0.5'
2311349-02 (Soil)

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Total Metals by EPA 6020B

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	1.23	0.200	mg/kg dry	1	BGL0028	12/01/23	12/02/23	EPA 6020B	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	127	0.0500	mg/L dry	1	BGL0132	12/04/23	12/06/23	EPA 6020B	
Magnesium	81.1	0.0500	"	"	"	"	"	"	
Sodium	26.3	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.449	0.00100	units	1	BGL0334	12/08/23	12/08/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	89.2		%	1	BGL0015	12/01/23	12/01/23	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.136	0.0100	mmhos/cm	1	BGL0137	12/05/23	12/06/23	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

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Ensolum, LLC
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Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
12/11/23 10:07

BG02@0.5'
2311349-02 (Soil)

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Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	6.48			pH Units	1	BGL0139	12/05/23	12/06/23	EPA 9045D	

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Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
12/11/23 10:07

BG03@0.5'
2311349-03 (Soil)

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Total Metals by EPA 6020B

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	1.24	0.200	mg/kg dry	1	BGL0028	12/01/23	12/02/23	EPA 6020B	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	187	0.0500	mg/L dry	1	BGL0132	12/04/23	12/06/23	EPA 6020B	
Magnesium	123	0.0500	"	"	"	"	"	"	
Sodium	29.5	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	0.411	0.00100	units	1	BGL0334	12/08/23	12/08/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	89.4		%	1	BGL0015	12/01/23	12/01/23	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	0.110	0.0100	mmhos/cm	1	BGL0137	12/05/23	12/06/23	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

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Ensolum, LLC
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12/11/23 10:07

BG03@0.5'
2311349-03 (Soil)

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Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	6.70			pH Units	1	BGL0139	12/05/23	12/06/23	EPA 9045D	

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Project: Civitas - Blue 3-65 33-32-31
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Reported:
12/11/23 10:07

BG04@0.5'
2311349-04 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	1.10	0.200	mg/kg dry	1	BGL0028	12/01/23	12/02/23	EPA 6020B	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	27.9	0.0500	mg/L dry	1	BGL0132	12/04/23	12/06/23	EPA 6020B	
Magnesium	11.8	0.0500	"	"	"	"	"	"	
Sodium	12.9	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.516	0.00100	units	1	BGL0334	12/08/23	12/08/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	94.1		%	1	BGL0015	12/01/23	12/01/23	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.231	0.0100	mmhos/cm	1	BGL0137	12/05/23	12/06/23	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

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Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
12/11/23 10:07

BG04@0.5'
2311349-04 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	7.38			pH Units	1	BGL0139	12/05/23	12/06/23	EPA 9045D	

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Reported:
12/11/23 10:07

BG05@0.5'
2311349-05 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	1.17	0.200	mg/kg dry	1	BGL0028	12/01/23	12/02/23	EPA 6020B	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	111	0.0500	mg/L dry	1	BGL0132	12/04/23	12/06/23	EPA 6020B	
Magnesium	80.9	0.0500	"	"	"	"	"	"	
Sodium	38.0	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Sodium Adsorption Ratio	0.669	0.00100	units	1	BGL0334	12/08/23	12/08/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	92.7		%	1	BGL0015	12/01/23	12/01/23	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Specific Conductance (EC)	0.224	0.0100	mmhos/cm	1	BGL0137	12/05/23	12/06/23	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

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Project: Civitas - Blue 3-65 33-32-31
Project Number: 09C2407007
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Reported:
12/11/23 10:07

BG05@0.5'
2311349-05 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **11/16/23 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	6.36			pH Units	1	BGL0139	12/05/23	12/06/23	EPA 9045D	

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Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
12/11/23 10:07

Total Metals by EPA 6020B - Quality Control

Summit Scientific

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

Batch BGL0028 - EPA 3050B

Blank (BGL0028-BLK1)

Prepared: 12/01/23 Analyzed: 12/02/23

Arsenic ND 0.200 mg/kg wet

LCS (BGL0028-BS1)

Prepared: 12/01/23 Analyzed: 12/02/23

Arsenic 44.0 0.200 mg/kg wet 40.0 110 80-120

Duplicate (BGL0028-DUP1)

Source: 2310194-07

Prepared: 12/01/23 Analyzed: 12/02/23

Arsenic 0.492 0.200 mg/kg dry 0.498 1.14 20

Matrix Spike (BGL0028-MS1)

Source: 2310194-07

Prepared: 12/01/23 Analyzed: 12/02/23

Arsenic 22.0 0.200 mg/kg dry 40.2 0.498 53.6 75-125 QM-07

Matrix Spike Dup (BGL0028-MSD1)

Source: 2310194-07

Prepared: 12/01/23 Analyzed: 12/02/23

Arsenic 22.0 0.200 mg/kg dry 40.2 0.498 53.5 75-125 0.0146 25 QM-07

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12/11/23 10:07

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction - Quality Control
Summit Scientific

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

Batch BGL0132 - General Preparation

Blank (BGL0132-BLK1)

Prepared: 12/04/23 Analyzed: 12/06/23

Calcium	ND	0.0500	mg/L wet
Magnesium	ND	0.0500	"
Sodium	ND	0.0500	"

LCS (BGL0132-BS1)

Prepared: 12/04/23 Analyzed: 12/06/23

Calcium	5.20	0.0500	mg/L wet	5.00	104	70-130
Magnesium	5.77	0.0500	"	5.00	115	70-130
Sodium	5.66	0.0500	"	5.00	113	70-130

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
12/11/23 10:07

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

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

Batch BGL0015 - General Preparation

Duplicate (BGL0015-DUP1)		Source: 2311228-01		Prepared & Analyzed: 12/01/23						
% Solids	91.7		%		91.8			0.137	20	

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
12/11/23 10:07

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control
Summit Scientific

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

Batch BGL0137 - General Preparation

Blank (BGL0137-BLK1)

Prepared: 12/05/23 Analyzed: 12/06/23

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (BGL0137-BS1)

Prepared: 12/05/23 Analyzed: 12/06/23

Specific Conductance (EC) 0.154 0.0100 mmhos/cm 0.150 102 95-105

Duplicate (BGL0137-DUP1)

Source: 2311349-01

Prepared: 12/05/23 Analyzed: 12/06/23

Specific Conductance (EC) 0.170 0.0100 mmhos/cm 0.170 0.00 20

Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
12/11/23 10:07

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control
Summit Scientific

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

Batch BGL0139 - General Preparation

LCS (BGL0139-BS1)

Prepared: 12/05/23 Analyzed: 12/06/23

pH	9.14	pH Units	9.18	99.6	95-105
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Duplicate (BGL0139-DUP1)

Source: 2311349-01

Prepared: 12/05/23 Analyzed: 12/06/23

pH	5.82	pH Units	5.82	0.00	20
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Summit Scientific

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Ensolum, LLC
11049 W. 44th Ave, Ste 100
Wheat Ridge CO, 80033

Project: Civitas - Blue 3-65 33-32-31

Project Number: 09C2407007
Project Manager: Tanna Lyon

Reported:
12/11/23 10:07

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference