

Customer ID: 05377Z Account ID: Z01034 Lab Control ID: 24H03106 Received: Oct 16, 2024 Reported: Nov 26, 2024 Purchase Order No. None Received

Rebecca Manzanares Colorado Analytical Laboratories, Inc. 10411 Heinz Way Commerce City, CO 80640

ANALYTICAL REPORT

Report may only be copied in its entirety.
Results reported herein relate only to discrete samples submitted by the client. Hazen Research, Inc. does not warrant that the results are representative of anything other than the samples that were received in the laboratory

File: 24H03106 R1.pdf

Reviewed and approved by:

Roxanne Sullivan

Analytical Laboratories Director

Lab Control ID: 24H03106

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ANALYTICAL REPORT

Rebecca Manzanares Colorado Analytical Laboratories, Inc.

La	b Sam	ple ID	24H03106-001					
Custome	er Sam	ple ID	241015151-0	1 - Perry Pa	ark Water &	Sanitation - PWSID: CO	0118045 - Sageport	
				sampled or	า 10/15/24 (@ 1200		
				Precision*	Detection		Analysis	
Parameter	Units	Code	Result	+/-	Limit	Method	Date / Time	Analyst
Radium-226	pCi/L	Т	1.4	0.4	0.2	SM 7500-Ra B	11/06/24 @ 1544	KT
Radium-228	pCi/L	T	2.5	0.7	0.2	EPA pg.19	11/18/24 @ 0940	KR

Certification ID's: CO/EPA CO00008

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*Variability of the radioactive decay process (counting error) at the 95% confidence level, 1.96 sigma.

Codes: (T) = Total (D) = Dissolved (S) = Suspended (R) = Replicate Sample (AR) = As Received < = Less Than

HAZEN RESEARCH, INC. RADIOCHEMISTRY LABORATORY

Batch QC Summary Form

Analyte: Radium-226

Control Standard/LFB: ID: C73-007 pCi/mL: 10.55 (use 2 diluted)

Spike Solution: ID: C73-007 pCi/mL: 10.55 (use 2 mL)

Spike Recovery Calculation: Sample: 24H03107-02b

Calculation: (22.8) (1.000) - (0.6) (1.000) $\times 100 = 105\%$

Date:

11/06/2024

21 1

Batch QC Evaluation:

Parameter	Criteria	Pass	Fail	N/A
Control Std./LFB	+/- 20 %	Х		
Spike Recovery	80 - 120 %	Х		
Blank	< or = 3 x Uncertainty	Х		
Duplicate 1	95% confidence interval overlap	Х		
Duplicate 2 *	95% confidence interval overlap			х

^{*} Required for batch size greater than 10 samples.

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X	Batch QC Passes**
	Batch QC Fails
	Batch QC Passes, with exceptions**:
	Reruns Required:
	Narrative:

Batch Listing by Lab Control Number:

24H03102 24H03103 24H03104 24H03105 24H03106 24H03107 24H03108 24H03110	Evaluator: Afalay Jine = -	
	 11/14/2024	
	Date	

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^{**}All QC data provided in this section of the report met the acceptance criteria specified in the analytical methods and procedures. State Maximum Contamination Levels (MCLs) are not evaluted in this report.

HAZEN RESEARCH, INC. RADIOCHEMISTRY LABORATORY

Batch QC Summary Form

Analyte: Radium-228

Control Standard/LFB: ID: C6-008 pCi/mL: 14.2 (use 5 diluted)

Spike Solution: ID: C6-008 pCi/mL: 14.2 (use 5 mL)

Spike Recovery Calculation: Sample: 24H03106-1c

Calculation: (61.8) (1.000) - (2.5) (1.000) x 100 = 83.5%

Date:

11/18/2024

Batch QC Evaluation:

Parameter	Criteria	Pass	Fail	N/A
Control Std./LFB	+/- 20 %	Х		
Spike Recovery	80 - 120 %	Х		
Blank	< or = 3 x Uncertainty	Х		
Duplicate 1	95% confidence interval overlap	Х		
Duplicate 2 *	95% confidence interval overlap			х

^{*} Required for batch size greater than 10 samples.

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X	Batch QC Passes**
	Batch QC Fails
	Batch QC Passes, with exceptions**:
	Reruns Required:
	Narrative:

Batch Listing by Lab Control Number:

24H03103 24H03104 24H03105 24H03106 24H03107 24H03108 24H03109	Evaluator: Roxane Sallwan	
	 11/25/2024	
	 Date	

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^{**}All QC data provided in this section of the report met the acceptance criteria specified in the analytical methods and procedures. State Maximum Contamination Levels (MCLs) are not evaluted in this report.



24H 03106

Ship To: Hazen Research

Preserved: Y/N)

Date Preserved:

Bill To Information: (If different from report to) CAL TASK JAK 241015151 Submit Data to CDPHE: Yes No 🗸 Compliance Samples: CO0118045 Perry Park Water & Sanitation HNO3 Lot #: **Project Name**

Yes

No <

Sample ID Matrix (qns) 9zz wnipey (qns) 8zz wnipey	4 - 1L - Unpreserved	××××××××××××××××××××××××××××××××××××××	Water - Drinking	2:00 PM 241015151-01 - Sageport	2:00 PM 2
	Container Type		Matrix	Sample ID	Тime

Comment:

Sample Date/

10/15/24

Phone: 303-659-2313

Commerce City, CO 80640 10411 Heinz Way Address: E-Mail: Report To: Company Name Colorado Analytical Laboratory

Rebecca Manzanares

rebeccamanzanares@coloradolab.com

Address:

Report To Information

Initial pH Check on 10/17/24
IL! 08 pH 7 PE
Secondary pH Check on 10/18/24

Date: Time:

Relinquished by: (Signature)

Date: Time:

Received by: (Signature)

TO/16124 1210

Date: Time:

Relinquished by: (Signature)

Date: Time:

Received by: (Signature)

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