

ANALYTICAL CHEMISTRY RESULT COMPARISON

Project ID: AC-2024-0892

Date: _____
Lab Location: _____

ANALYTE / PARAMETER	UNIT	METHOD A (REF)	METHOD B (TEST)	ABSOLUTE DIFF.	% RELATIVE DEV.	STATUS
Concentration of Pb	mg/L	0.045	0.047	0.002	4.44%	Pass
pH Level	pH	6.82	6.79	0.03	0.44%	Pass
Total Alkalinity	mg/L	112.5	115.0	2.5	2.22%	Pass
Nitrate as N	mg/L	1.20	1.45	0.25	20.83%	Review
Turbidity	NTU	0.12	0.13	0.01	8.33%	Pass

Statistical Summary

Mean Relative Deviation	7.25%
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Standard Deviation

8.12%

Correlation (R^2)

0.9982

Lead Analyst Signature

QA/QC Officer Signature

Date of Final Approval