

**ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092**

NEW JERSEY LAB ID#: 20012; NEW YORK LAB ID#: 11376

**METALS CONFORMANCE/NON-CONFORMANCE SUMMARY**

ORDER ID: Q1985

MATRIX: Water

METHOD: 6010D,7470A

	NA	NO	YES
1. Calibration Summary met criteria.			✓
2. ICP Interference Check Sample Results Summary Submitted.			✓
3. Serial Dilution Summary (if applicable) Submitted.			✓
The Serial Dilution met criteria for all samples.			
4. Laboratory Control Sample Summary (if applicable) Submitted.			✓
5. Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
6. Matrix Spike/Matrix Spike Duplicate Recoveries Met Criteria		✓	
If not met, list those compounds and their recoveries which fall outside the acceptable range.			
The Matrix Spike (RW8-BW-20250507MS) analysis met criteria for all samples except for Manganese and Silver due to Chemical Interference during Digestion Process. The Matrix Spike Duplicate (IDW-AQ-DRUM-633-05092025MSD) analysis met criteria for all samples except for Mercury due to sample matrix interference. The Matrix Spike Duplicate (RW8-BW-20250507MSD) analysis met criteria for all samples except for Manganese and Silver due to Chemical Interference during Digestion Process.			
7. Sample Duplicate Analysis Met QC Criteria		✓	
If not met, list those compounds and their recoveries which fall outside the acceptable range.			
The Duplicate (RW8-BW-20250507DUP) analysis met criteria for all samples except for Manganese due to sample matrix interference. The Duplicate (RW8-BW-20250507MSD) analysis met criteria for all samples except for Manganese due to Chemical Interference during Digestion Process.			
8. Digestion Holding Time Met			✓
If not met, list number of days exceeded for each sample:			

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**METALS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)**

	NA	NO	YES
9. Analysis Holding Time Met			✓
If not met, list those compounds and their recoveries which fall outside the acceptable range.			

**ADDITIONAL COMMENTS:**

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is). In analytical sequence LB135794, The % recovery was outside of acceptance limit for Lead and Zinc of CCV05 but, no any sample of this project associated under this CCV.

The Post Digest Spike (RW8-BW-20250507A) analysis met criteria for all samples except for Manganese and Silver due to unknown chemical interferences of matrix with the addition of spike amount after digestion and before analysis , matrix has suppression effect during addition of spike.

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QA REVIEW

\_\_\_\_\_  
Date