

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: Q3017

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.			✓
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 (TT-079-IDWGW-20250903MS) analysis met criteria for all compounds except for Barium, Manganese and Potassium due to Chemical Interference during Digestion process. The Matrix Spike Duplicate (TT-079-IDWGW-20250903MSD) analysis met criteria for all compounds except for Barium, Manganese, Potassium and Zinc 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.			
8. Digestion Holding Time Met			✓
If not met, list number of days exceeded for each sample:			
9. Analysis Holding Time Met			✓
If not met, list those compounds and their recoveries which fall outside the acceptable range.			

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METALS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

ADDITIONAL COMMENTS:

The Post Digest Spike (TT-079-IDWG-20250903A) analysis met criteria for all compounds except for Barium, Manganese, Potassium and Zinc due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is).

Sample Q3017-02, Q3017-03 Q3017-,04 and Q3017- 05 were reported with direct dilution for Metals-ICP TAL as samples had viscous matrix and can block the sample introduction path. So, to avoid blocking of sample introduction and any other damage to instrument samples were diluted with 5X Straight Dilution.

QA REVIEW

Date