

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: Q3434

MATRIX: Solid, Water

METHOD: 6010D,6020B,7470A,7471B

	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 compounds.			
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 (COMPOSITEMS) analysis met criteria for all compounds except for Antimony, Arsenic, Iron, Potassium, Selenium, Silver and Zinc due to Chemical Interference during digestion process. The Matrix Spike Duplicate (COMPOSITEMSD) analysis met criteria for all compounds except for Iron, Potassium, Selenium, Silver 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.			
The Duplicate (COMPOSITEDUP) analysis met criteria for all compounds except for Potassium due to sample matrix interference.			
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 (COMPOSITEA) analysis met criteria for all compounds except for Iron, Potassium and Silver, 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.

In analytical Sequence LB137662, The Result was outside acceptance Limit for Sodium of CCB05 but, no any samples parameter associated under this CCB.

In analytical Sequence LB137677, The Result was outside acceptance Limit for Iron of CCB10 but, no any samples parameter associated under this CCB.

In analytical Sequence LB137662, The Recovery was outside acceptance Limit for Sodium of CCV09 but, no any samples parameter associated under this CCV.

QA REVIEW

Date