

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: Q3399

MATRIX: Solid

METHOD: 6010D,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 (TP-6MS) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Lead, Selenium, Silver, Sodium, Thallium and Vanadium due to unknown interference with the reaction and noticed small black particles with soil which can cause possible failure. The Matrix Spike Duplicate (TP-6MSD) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Lead, Potassium, Selenium, Silver, Sodium and Vanadium due to unknown interference with the reaction and noticed small black particles with soil which can cause possible failure.			
7. Sample Duplicate Analysis Met QC Criteria		✓	
If not met, list those compounds and their recoveries which fall outside the acceptable range.			
The Duplicate (PR-132-S16-015094-20251021DUP) analysis met criteria for all compounds except for Mercury due to sample matrix interference. The Duplicate (TP-6MSD) analysis met criteria for all compounds except for Calcium due to sample matrix interference.			
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 Post Digest Spike (TP-6A) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Lead, Potassium, Silver, Sodium and Vanadium 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 LB137630, The % recovery was outside of acceptance limit for Iron, Potassium, Sodium and Thallium of CCV11 but no any samples associated under this CCV.

In analytical sequence LB137630, The % recovery was outside of acceptance limit for Iron and Sodium of CCV12 but no any samples associated under this CCV.

In analytical sequence LB137630, The Results was outside of acceptance limit for Potassium and Sodium of CCB10 , CCB11 and CCB12 but no any samples associated under this CCBs.

QA REVIEW

Date