

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: Q1984

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 (OU4-TS-28-050725L) met criteria for all samples except for Arsenic, Calcium, Chromium, Copper, Iron, Magnesium, Manganese, Zinc due to unknown interference. | | | |
| The Serial Dilution (VNJ-218L) met criteria for all samples except for Mercury due to unknown interference. | | | |
| 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 (OU4-TS-28-050725MS) analysis met criteria for all samples except for Antimony, Arsenic, Beryllium, Chromium, Cobalt, Copper, Selenium, Silver, Sodium, Vanadium due to matrix interference. The Matrix Spike Duplicate (OU4-TS-28-050725MSD) analysis met criteria for all samples except for Antimony, Arsenic, Beryllium, Chromium, Cobalt, Copper, Lead, Nickel, Selenium, Silver, Sodium, Vanadium due to matrix interference. | | | |
| The Post Digest Spike (OU4-TS-28-050725A) analysis met criteria for all samples except for Antimony, Arsenic, Beryllium, Chromium, Cobalt, Copper, Nickel, Selenium, Silver, 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. | | | |
| 7. Sample Duplicate Analysis Met QC Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The Duplicate (OU4-TS-28-050725DUP) analysis met criteria for all samples except for Calcium due to matrix interference. | | ✓ | |
| 8. Digestion Holding Time Met If not met, list number of days exceeded for each sample: | | | ✓ |

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

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:

QA REVIEW

Date