

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

GENERAL CHEMISTRY CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH QC BATCHID: LB137447

| | 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. | _____ | _____ | _____✓ |
| 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. | _____ | _____ | _____✓ |

ADDITIONAL COMMENTS:

- 1.MS/MSD fail for Q3266-02 (Sb,Cr,Co,Cu,Ni,K,V) because of sample matrix has very tiny rocks and homogeneous mixture may be not possible due to uneven size and every tiny rocks has different accumulation of contaminated soil around it and there is a variation in some elements concentrations during digestion.
- 2.Q3271-01 (Sb,Co,Cu,V) ms/msd fails for some elements during digestion due to matrix unknown interferences chemical reaction with soil matrix.
- 3.Q3290-01 (Sb,Ba,Cu)-ms/msd fails for these elements during digestion due to its unknown interferences with chemical reaction and also noticed soil has black tiny particles with its brown soil which is possible cause of failure.

Analyst jaswal

Date 10/8/2025 12:00:00 AM

QA REVIEW

Date