

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

**GENERAL CHEMISTRY CONFORMANCE/NON-CONFORMANCE SUMMARY**

CHEMTECH QC BATCHID: LB137613

	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:**

Q3412 - MS/MSD Fail For more than 50% parameters due to the matrix contains very highly contaminated soil matrix, its very sticky type of matrix and very fine tiny sones which may be not completely soluble with acid matrix and soil matrix has black and dark brown soil. Tried to mix homogenous mixture but may be not able to complete homogeneous due to matrix issue to to its sticky nature . That is why there is a suppression effect of matrix on the known spike values giving low recovery . Post spike has same low recovey effect due to matrix nature

Analyst jaswal

Date 10/24/2025 12:00:00 AM

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QA REVIEW

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Date