

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

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

CHEMTECH QC BATCHID: LB137929

	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:**

MS/MSD fail for Q3633-05 (Sb,Cu,K,Ag) & Q3649-06 (Sb,Ba,Be,Se,Ag) fails because some soil matrices are complex and contain silicate structures or may be some organic interferences which can have strong bonding to the metals of interest and are not easily leachate to the extract means in digested samples and spiked metals ions are absorbed into the complex material of sample matrix which is difficult to extract completely and giving low recoveries.

Analyst     jaswal

Date     11/18/2025 12:00:00 AM

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QA REVIEW

\_\_\_\_\_  
Date