

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

GENERAL CHEMISTRY CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH QC BATCHID: LB138174

	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:

Q3795-01 : MS/MSD fail for many parameters because of soil assumes lot of unknown interferences which are not being analyzed and has suppression effect to the analytes added as spike during digestion but even post spike is also failing and results are same almost as MS/MSD, so this has soil matrix issue which has vey contaminated .interferences and soil matrix was homogenized before digestion as per the the method.

2. MS/MSD fail for Q3765-05 (Ba,Be,Cd,Co,Mg,Mn,K,Ag,Na,Tl) fails due to some chemical reaction with matrix during digestion.

3. , Q3782-03 MS/MSD fails(Sb,Ba,Cr,Cu,Na,Zn), Q3795-01 (Sb,Ba,Be,Cr,Cu,CO,Ni,K,Se,Na,V,Zn) due to soil matrix unknown high contaminations and interferences which are not being analyzed and means this sample is not some clean soil matrix but has lot of

Analyst jaswal

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

QA REVIEW

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NA NO YES

interferences which are not evenly has homogeneous mixture because of very small muddy or stone particles in the matrix. Recovery is mostly low for most elements and also post spike is failure at low bias. So this is soil matrix issue, no issue during digestion.

Analyst jaswal

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

QA REVIEW

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