ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

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

METALS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1193 MATRIX: Water

METHOD: 6020B,7470A

		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 met criteria for all samples.		✓	
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 (TAPIAL2-MW01-012425-00-T2MS) analysis met criteria for all samples except for Arsenic, Iron, Potassium, Silver, Sodium due to matrix interference. The Matrix Spike Duplicate (TAPIAL2-MW01-012425-00-T2MSD) analysis met criteria for all samples except for Aluminum, Arsenic, Calcium, Iron, Potassium, Silver, Sodium due to matrix interference.		✓	
7.	Sample Duplicate Analysis Met QC Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The Duplicate (TAPIAL2-MW01-012425-00-T2DUP) analysis met criteria for all samples except for Aluminum due to matrix interference.		✓	
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: In analytical sequence LB134616, The % recovery was outside of acceptance limit for Nickel of LLCCV, Recovery failing marginally so no corrective action was taken.

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.

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QA REVIEW Date