

**METALS CONFORMANCE/NON-CONFORMANCE SUMMARY**

CHEMTECH PROJECT NUMBER: P5242

MATRIX: Solid

METHOD: 6020B

	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 (TAPIAL1-SB04D-4-112224-00-T1L) met criteria for all samples except for Chromium, Iron, Manganese due to unknown interference.			
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 (TAPIAL1-SB04D-4-112224-00-T1MS) analysis met criteria for all samples except for Antimony, Arsenic, Beryllium, Cadmium, Cobalt, Nickel, Selenium, Silver due to matrix interference. The Matrix Spike Duplicate (TAPIAL1-SB04D-4-112224-00-T1MSD) analysis met criteria for all samples except for Arsenic, Beryllium, Cadmium, Cobalt, Nickel, Selenium, Silver, Thallium 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 (TAPIAL1-SB04D-4-112224-00-T1DUP) analysis met criteria for all samples except for Copper, Nickel, Zinc due to matrix interference. The Duplicate (TAPIAL1-SB04D-4-112224-00-T1MSD) analysis met criteria for all samples except for Nickel 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.			

**CHEMTECH 284 Sheffield Street, Mountainside New Jersey 07092**

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

**METALS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)**

NA NO YES

ADDITIONAL COMMENTS: Samples P5242-01 and P5242-02 are reported with straight 5X dilution due to high interferent samples.

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

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Date