

EPA SAMPLE NO.

ME2923L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51847 MA No.: SDG No.: ME2904Matrix : Soil Analytical Method: ICP-MS% Solids: 81.5Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result (S)	Q	% Difference	Q
Antimony	0.2	J	0.21	J	7	
Arsenic	8.9		10		12	
Barium	76		79		4	
Beryllium	0.6		0.59	J	2	
Cadmium	0.22	J	2.4	U	100	
Chromium	22		24		9	
Cobalt	13		14		11	
Copper	25		30		18	
Lead	21		21		1	
Manganese	520		560		8	
Nickel	33		37		11	
Selenium	2.4	U	12.0	U		
Silver	0.08	J	2.4	U	100	
Thallium	0.12	J	2.4	U	100	
Vanadium	27		30		9	
Zinc	79		86		9	