

EPA SAMPLE NO.

YE8C9L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51955 MA No.: SDG No.: YE8C9Matrix : Soil Analytical Method: ICP-MS% Solids: 86.4Concentration 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	0.55	J	0.57	J	4	
Arsenic	26		26		2	
Barium	120		110		7	
Beryllium	0.48		0.5	J	4	
Cadmium	0.47	U	2.4	U		
Chromium	23		25		6	
Cobalt	13		13		2	
Copper	45		46		2	
Lead	11		11		0	
Manganese	230		230		1	
Nickel	34		35		1	
Selenium	2.4	U	12.0	U		
Molybdenum	0.56	J	0.59	J	6	
Silver	0.19	J	0.19	J	0	
Thallium	0.1	J	2.4	U	100	
Vanadium	29		29		1	
Zinc	61		62		1	
Strontium	27	JD	25	JD	4	