

EPA SAMPLE NO.

MC0AZ7L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51973 MA No.: SDG No.: MC0AZ0Matrix : Soil Analytical Method: ICP-AES% Solids: 41.4Concentration 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
Aluminum	5600		6400		13	
Antimony	1.3	J	66.0	U	100	
Arsenic	17		20		20	
Barium	110		130	J	10	
Beryllium	3.9		4.8	J	23	*
Cadmium	1.7		1.6	J	3	
Calcium	3600		4100	J	14	
Chromium	38		44		18	
Cobalt	54		54	J	0	
Copper	53		65		22	*
Iron	11000		13000		15	
Lead	170		170		3	
Magnesium	2600		2900	J	13	
Manganese	84		96		14	
Nickel	56		57		0	
Potassium	1200		1200	J	2	
Selenium	5.6	J	7.3	J	31	
Silver	2.2	U	11.0	U		
Sodium	7800		9200		17	
Thallium	5.5	U	27.0	U		
Vanadium	19		22	J	18	
Zinc	120		140		14	