

EPA SAMPLE NO.

MC0VH7L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51810 MA No.: SDG No.: MC0VD3Matrix : Soil Analytical Method: ICP-AES% Solids: 97.1Concentration 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	6300		6700		7	
Antimony	0.92	J	22.0	U	100	
Arsenic	11		14		30	
Barium	80		87		8	
Beryllium	0.61		0.7	J	15	
Cadmium	1.3		1.3	J	4	
Calcium	2400		2700		10	
Chromium	17		19		11	
Cobalt	7.8		7.7	J	2	
Copper	73		79		9	
Iron	20000		21000		8	
Lead	570		590		4	
Magnesium	2100		2200		9	
Manganese	330		360		10	
Nickel	23		23		1	
Potassium	540		560	J	5	
Selenium	2.6	U	13.0	U		
Silver	0.73	U	3.7	U		
Sodium	150	J	1800	U	100	
Thallium	1.8	U	9.1	U		
Vanadium	16		18		12	
Zinc	230		250		12	