

EPA SAMPLE NO.

MC0VM0L

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.: MC0VL1Matrix : Soil Analytical Method: ICP-AES% Solids: 80.1Concentration Units (µg/L, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result (S)	Q	% Difference	Q
Aluminum	9100		9700		7	
Antimony	1.5	J	28.0	U	100	
Arsenic	18		19		9	
Barium	96		100		7	
Beryllium	0.77		0.84	J	9	
Cadmium	1.1		0.88	J	17	
Calcium	2500		2700		9	
Chromium	22		24		8	
Cobalt	9.6		9.4	J	3	
Copper	67		72		8	
Iron	27000		29000		8	
Lead	210		210		1	
Magnesium	2500		2800		9	
Manganese	320		350		8	
Nickel	36		35		2	
Potassium	600		610	J	1	
Selenium	3.3	U	16.0	U		
Silver	0.94	U	4.7	U		
Sodium	170	J	2400	U	100	
Thallium	2.4	U	12.0	U		
Vanadium	20		21	J	5	
Zinc	170		190		9	