

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.: MC0VH4Matrix : Soil Analytical Method: ICP-AES% Solids: 79.6Concentration 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	9900		11000		7	
Antimony	1.9	J	2.4	J	23	
Arsenic	25		31		22	*
Barium	150		160		8	
Beryllium	0.84		1.0	J	20	
Cadmium	1.8		1.7	J	7	
Calcium	3100		3400		10	
Chromium	26		28		8	
Cobalt	10		10	J	1	
Copper	100		110		9	
Iron	29000		31000		9	
Lead	310		310		1	
Magnesium	2600		2800		10	
Manganese	370		410		10	
Nickel	36		35		1	
Potassium	710		740	J	4	
Selenium	3.5	U	17.0	U		
Silver	0.99	U	5.0	U		
Sodium	150	J	2500	U	100	
Thallium	2.5	U	12.0	U		
Vanadium	21		25		18	
Zinc	250		280		9	