

EPA SAMPLE NO.

MYD5J9L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51495 MA No.: SDG No.: MYD5J9Matrix : Soil Analytical Method: ICP-AES% Solids: 99.1Concentration 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
Antimony	2.0	J	2.5	J	25	
Arsenic	53		56		5	
Barium	320		350		12	
Beryllium	0.37		0.46	J	25	
Cadmium	1.4		1.1	J	21	*
Chromium	40		46		15	
Cobalt	29		30		2	
Copper	59		68		15	
Lead	20		20		1	
Manganese	5100	D	5300	D	4	
Molybdenum	3.4	U	17.0	U		
Nickel	40		41		4	
Selenium	2.4	U	12.0	U		
Silver	0.68	U	3.4	U		
Thallium	1.7	U	8.5	U		
Vanadium	84		95		14	
Zinc	84		91		8	