

EPA SAMPLE NO.

MYD5K3L

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.: MYD5K3Matrix : Soil Analytical Method: ICP-AES% Solids: 99.2Concentration 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	2.4	J	2.2	J	10	
Arsenic	80		84		5	
Barium	190		200		10	
Beryllium	0.39	J	0.48	J	23	
Cadmium	1.5		1.2	J	20	
Chromium	41		46		12	
Cobalt	35		36		3	
Copper	81		94		16	
Lead	30		31		4	
Manganese	3100	D	3200	D	5	
Molybdenum	4.9	U	25.0	U		
Nickel	39		40		3	
Selenium	3.4	U	17.0	U		
Silver	0.98	U	4.9	U		
Thallium	2.5	U	12.0	U		
Vanadium	100		110		12	
Zinc	110		120		7	