

EPA SAMPLE NO.

MYD5K5L

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.: MYD5K5Matrix : Soil Analytical Method: ICP-AES% Solids: 98.6Concentration 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	1.7	J	1.9	J	8	
Arsenic	49		49		0	
Barium	220		240		9	
Beryllium	0.27	J	0.32	J	20	
Cadmium	1.1		0.81	J	28	
Chromium	42		47		12	
Cobalt	28		28		0	
Copper	51		59		16	
Lead	31		32		2	
Manganese	5300	D	6100	D	14	
Molybdenum	0.19	J	18.0	U	100	
Nickel	37		38		2	
Selenium	2.5	U	12.0	U		
Silver	0.7	U	3.5	U		
Thallium	1.8	U	8.7	U		
Vanadium	72		81		13	
Zinc	89		96		8	