

EPA SAMPLE NO.

ME28S7L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51847 MA No.: SDG No.: ME28R5Matrix : Soil Analytical Method: ICP-MS% Solids: 74.8Concentration 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	0.7	J	0.67	J	4	
Arsenic	7.9		8.5		7	
Barium	74		74		1	
Beryllium	0.73		0.77	J	5	
Cadmium	0.38	J	2.5	U	100	
Chromium	42		43		3	
Cobalt	7.8		7.9		2	
Copper	24		24		2	
Lead	35		34		3	
Manganese	740		720		3	
Nickel	21		22		5	
Selenium	2.5	U	13.0	U		
Silver	0.09	J	2.5	U	100	
Thallium	0.18	J	2.5	U	100	
Vanadium	28		27		1	
Zinc	76		77		1	