

EPA SAMPLE NO.

ME28Y9L

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.: ME28Y6Matrix : Soil Analytical Method: ICP-MS% Solids: 79.8Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	
		Q		Q		Q
Antimony	0.51	J	0.48	J	4	
Arsenic	8.3		9.2		11	
Barium	100		110		4	
Beryllium	0.5	J	0.57	J	15	
Cadmium	0.7		0.77	J	10	
Chromium	25		26		2	
Cobalt	10		11		4	
Copper	25		26		5	
Lead	44		46		3	
Manganese	910		950		4	
Nickel	32		32		3	
Selenium	0.51	J	14.0	U	100	
Silver	0.18	J	2.9	U	100	
Thallium	0.25	J	0.26	J	5	
Vanadium	22		23		3	
Zinc	120		120		4	