

E2A12S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE

Case No.: 51878

MA No. :

SDG No.: E29Y8

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 82.6

Concentration Units (µg/L, mg/L or mg/kg dry weight): mg/kg

Analyte	Control Limit %R	Spiked Sample Result (SSR) Q	Sample Result (SR) Q	Spike Added (SA)	%R	Q
Antimony	75 - 125	11	0.052 J	10.3	102	
Arsenic	75 - 125	6.5	2.3	4.1	102	
Barium	75 - 125	230	25	210	97	
Beryllium	75 - 125	5.5	0.12 J	5.1	106	
Cadmium	75 - 125	5.3	0.52 U	5.1	103	
Chromium	75 - 125	23	2.5	20.5	101	
Cobalt	75 - 125	54	2.0	51.3	101	
Copper	75 - 125	29	7.6	25.6	84	
Lead	75 - 125	7.3	5.3	2.1	98	
Manganese	75 - 125	190	140	51.3	99	
Nickel	75 - 125	56	4.6	51.3	99	
Selenium	75 - 125	11	2.6 U	10.3	107	
Silver	75 - 125	5.1	0.52 U	5.1	99	
Thallium	75 - 125	5.1	0.047 J	5.1	99	
Vanadium	75 - 125	55	4.2	51.3	100	
Zinc	75 - 125	68	16	51.3	102	