

A6305S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51952

MA No. : SDG No.: A6301

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 24.3

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	5.4	0.2 J	7.9	66	*
Arsenic		71	53	3.1	557	
Barium	75 - 125	250	72	160	110	
Beryllium	75 - 125	5.2	1.4	3.9	98	
Cadmium	75 - 125	4.5	0.62	3.9	98	
Chromium		420 D	360 D	15.7	360	
Cobalt	75 - 125	44	5.5	39.3	99	
Copper		800	630	19.7	842	
Lead		230	180	1.6	3229	
Manganese		980	880	39.3	257	
Nickel	75 - 125	110	62	39.3	124	
Selenium	75 - 125	1.8 J	0.53 J	7.9	16	*
Silver	75 - 125	4.8	0.9	3.9	99	
Thallium	75 - 125	3.2	0.12 J	3.9	79	
Vanadium	75 - 125	52	11	39.3	103	
Zinc	75 - 125	130	77	39.3	127	*