

ME2947S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51900

MA No. : SDG No.: ME2946

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 88.8

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	8.7	0.23 J	9.3	92	
Arsenic	75 - 125	10	6.6	3.7	95	
Barium	75 - 125	260	63	190	103	
Beryllium	75 - 125	4.9	0.45 J	4.7	95	
Cadmium	75 - 125	4.6	0.31 J	4.7	92	
Chromium	75 - 125	47	28	18.6	101	
Cobalt	75 - 125	53	8.4	46.5	97	
Copper	75 - 125	46	22	23.3	104	
Lead		27	26	1.9	73	
Manganese		670	610	46.5	129	
Nickel	75 - 125	74	26	46.5	103	
Selenium	75 - 125	2.1 J	0.65 J	9.3	16	*
Silver	75 - 125	4.3	0.15 J	4.7	89	
Thallium	75 - 125	4.5	0.28 J	4.7	92	
Vanadium	75 - 125	63	18	46.5	95	
Zinc	75 - 125	170	100	46.5	138	*