

ME2923S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51847

MA No. : SDG No.: ME2904

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 81.5

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	9.0	0.2 J	8.5	104	
Arsenic	75 - 125	12	8.9	3.4	83	
Barium	75 - 125	260	76	170	108	
Beryllium	75 - 125	4.9	0.6	4.2	102	
Cadmium	75 - 125	4.7	0.22 J	4.2	105	
Chromium	75 - 125	39	22	16.9	99	
Cobalt	75 - 125	57	13	42.3	106	
Copper	75 - 125	45	25	21.2	95	
Lead		21	21	1.7	-7	
Manganese		530	520	42.3	27	
Nickel	75 - 125	77	33	42.3	103	
Selenium	75 - 125	9.2	2.4 U	8.5	109	
Silver	75 - 125	4.5	0.08 J	4.2	104	
Thallium	75 - 125	4.2	0.12 J	4.2	95	
Vanadium	75 - 125	71	27	42.3	105	
Zinc	75 - 125	120	79	42.3	93	