

E29X5S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51878

MA No. : SDG No.: E29X3

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 74.9

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	9.6	1.1 U	9.7	99	
Arsenic	75 - 125	5.6	1.9	3.9	97	
Barium	75 - 125	220	23	190	101	
Beryllium	75 - 125	4.6	0.1 J	4.8	93	
Cadmium	75 - 125	5.0	0.11 J	4.8	101	
Chromium	75 - 125	22	2.6	19.3	102	
Cobalt	75 - 125	54	1.9	48.4	107	
Copper	75 - 125	28	4.6	24.2	95	
Lead		20	19	1.9	27	
Manganese		270	250	48.4	54	
Nickel	75 - 125	53	3.7	48.4	101	
Selenium	75 - 125	9.7	2.6 U	9.7	100	
Silver	75 - 125	4.8	0.53 U	4.8	99	
Thallium	75 - 125	4.9	0.063 J	4.8	100	
Vanadium	75 - 125	53	3.8	48.4	101	
Zinc	75 - 125	77	33	48.4	91	