

ME29F8S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51759

MA No. : SDG No.: ME29F6

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 84.8

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	0.15 J	8.5	100	
Arsenic	75 - 125	5.6	2.9	3.4	79	
Barium	75 - 125	170	7.4	170	95	
Beryllium	75 - 125	4.2	0.092 J	4.3	96	
Cadmium	75 - 125	4.4	0.097 J	4.3	101	
Chromium	75 - 125	21	4.7	17.1	94	
Cobalt	75 - 125	44	2.8	42.7	97	
Copper	75 - 125	26	7.5	21.4	86	
Lead	75 - 125	4.5	3.6	1.7	53	*
Manganese		180	180	42.7	1	
Nickel	75 - 125	48	7.3	42.7	94	
Selenium	75 - 125	8.5	2.7 U	8.5	99	
Silver	75 - 125	4.2	0.54 U	4.3	98	
Thallium	75 - 125	4.1	0.11 J	4.3	94	
Titanium	75 - 125	64	28	42.7	86	
Vanadium	75 - 125	46	5.3	42.7	95	
Zinc	75 - 125	57	20	42.7	87	