

ME29E4S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51759

MA No. : SDG No.: ME29D7

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 86.4

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	0.14 J	8.4	102	
Arsenic	75 - 125	15	13	3.4	43	*
Barium	75 - 125	170	7.3	170	97	
Beryllium	75 - 125	4.3	0.083 J	4.2	100	
Cadmium	75 - 125	4.4	0.49 U	4.2	105	
Chromium	75 - 125	20	3.8	16.8	98	
Cobalt	75 - 125	45	3.2	41.9	99	
Copper	75 - 125	26	7.3	21.0	89	
Lead	75 - 125	4.5	3.2	1.7	73	*
Manganese		270	280	41.9	-7	
Nickel	75 - 125	47	6.4	41.9	98	
Selenium	75 - 125	8.7	2.4 U	8.4	104	
Silver	75 - 125	4.2	0.49 U	4.2	100	
Thallium	75 - 125	4.2	0.068 J	4.2	98	
Titanium	75 - 125	72	37	41.9	83	
Vanadium	75 - 125	47	5.5	41.9	99	
Zinc	75 - 125	58	20	41.9	92	