

ME28S7S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51847

MA No. : SDG No.: ME28R5

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 74.8

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	11	0.7	J 10.3	98	
Arsenic	75 - 125	12	7.9	4.1	95	
Barium	75 - 125	270	74	210	97	
Beryllium	75 - 125	5.5	0.73	5.1	92	
Cadmium	75 - 125	5.4	0.38	J 5.1	98	
Chromium	75 - 125	60	42	20.6	89	
Cobalt	75 - 125	56	7.8	51.4	94	
Copper	75 - 125	46	24	25.7	87	
Lead		37	35	2.1	63	
Manganese		770	740	51.4	49	
Nickel	75 - 125	69	21	51.4	93	
Selenium	75 - 125	9.6	2.5	U 10.3	93	
Silver	75 - 125	5.1	0.09	J 5.1	98	
Thallium	75 - 125	4.8	0.18	J 5.1	90	
Vanadium	75 - 125	74	28	51.4	90	
Zinc	75 - 125	120	76	51.4	86	