

ME28N8S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51847

MA No. : SDG No.: ME28M0

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 78.1

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	2.1	9.1	97	
Arsenic	75 - 125	7.8	4.5	3.6	92	
Barium	75 - 125	240	56	180	101	
Beryllium	75 - 125	5.0	0.57	4.5	97	
Cadmium	75 - 125	4.6	0.49 U	4.5	101	
Chromium	75 - 125	30	14	18.2	91	
Cobalt	75 - 125	49	4.6	45.4	97	
Copper	75 - 125	36	17	22.7	86	
Lead		25	25	1.8	-29	
Manganese		460	450	45.4	14	
Nickel	75 - 125	57	14	45.4	94	
Selenium	75 - 125	8.4	2.5 U	9.1	93	
Silver	75 - 125	4.5	0.49 U	4.5	99	
Thallium	75 - 125	4.4	0.098 J	4.5	95	
Vanadium	75 - 125	53	9.6	45.4	95	
Zinc	75 - 125	76	36	45.4	86	