

MH2H30S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51822

MA No. : SDG No.: MH2H28

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 100

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	9.0	1.8	7.8	92	
Arsenic	75 - 125	7.5	5.9	3.1	52	*
Barium	75 - 125	230	80	160	97	
Beryllium	75 - 125	3.9	0.25 J	3.9	93	
Cadmium	75 - 125	6.3	2.9	3.9	86	
Chromium	75 - 125	23	10	15.6	83	
Cobalt	75 - 125	40	2.9	39.1	95	
Copper	75 - 125	62	51	19.5	55	*
Lead		160	190	1.6	-1979	
Manganese		210	210	39.1	-10	
Nickel	75 - 125	47	8.4	39.1	100	
Selenium	75 - 125	8.6	0.76 J	7.8	100	
Silver	75 - 125	6.4	3.2	3.9	82	
Thallium	75 - 125	3.7	0.18 J	3.9	90	
Vanadium	75 - 125	44	9.2	39.1	90	
Zinc		660	760	39.1	-261	