

MH2GQ2S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51822

MA No. : SDG No.: MH2GQ2

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	4.7	0.26 J	4.5	99	
Arsenic	75 - 125	5.4	3.6	1.8	101	
Barium	75 - 125	220	150	89.7	87	
Beryllium	75 - 125	2.6	0.37	2.2	98	
Cadmium	75 - 125	4.4	2.1	2.2	102	
Chromium	75 - 125	12	3.4	9.0	95	
Cobalt	75 - 125	24	2.7	22.4	95	
Copper	75 - 125	41	30	11.2	91	
Lead		170	170	0.9	480	
Manganese		270	250	22.4	84	
Nickel	75 - 125	26	5.2	22.4	94	
Selenium	75 - 125	4.2	0.19 J	4.5	88	
Silver	75 - 125	2.7	0.55	2.2	98	
Thallium	75 - 125	2.2	0.11 J	2.2	92	
Vanadium	75 - 125	31	9.7	22.4	93	
Zinc		210	180	22.4	106	