

YE8G6S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51955

MA No. : SDG No.: YE8G3

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 76.8

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	9.7	0.15 J	9.8	98	
Arsenic	75 - 125	5.9	1.5	3.9	113	
Barium	75 - 125	220	19	200	104	
Beryllium	75 - 125	4.8	0.58 U	4.9	98	
Cadmium	75 - 125	5.1	0.73	4.9	89	
Chromium	75 - 125	22	3.0	19.6	95	
Cobalt	75 - 125	51	1.3	49.0	102	
Copper	75 - 125	33	8.6	24.5	100	
Lead	75 - 125	3.4	1.2	2.0	108	
Manganese	75 - 125	170	150	49.0	45	*
Nickel	75 - 125	63	15	49.0	97	
Molybdenum	75 - 125	43	1.0 J	49.0	86	
Selenium	75 - 125	10	2.9 U	9.8	102	
Silver	75 - 125	4.9	0.041 J	4.9	99	
Thallium	75 - 125	4.5	0.58 U	4.9	92	
Vanadium	75 - 125	52	4.2	49.0	97	
Zinc	75 - 125	82	31	49.0	104	
Strontium	75 - 125	920 D	24 JD	980	91	