

YE8F7S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51955

MA No. : SDG No.: YE8F8

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 91.2

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	8.3	0.37 J	8.7	91	
Arsenic		17	15	3.5	82	
Barium	75 - 125	370	170	170	114	
Beryllium	75 - 125	4.8	0.6	4.4	96	
Cadmium	75 - 125	4.4	0.18 J	4.4	97	
Chromium	75 - 125	49	28	17.4	121	
Cobalt	75 - 125	66	23	43.5	99	
Copper	75 - 125	77	51	21.8	121	
Lead		12	11	1.7	64	
Manganese		2000	1900	43.5	224	
Nickel	75 - 125	100	53	43.5	114	
Molybdenum	75 - 125	34	2.0	43.5	73	*
Selenium	75 - 125	7.8	0.46 J	8.7	85	
Silver	75 - 125	4.2	0.032 J	4.4	97	
Thallium	75 - 125	4.2	0.12 J	4.4	93	
Vanadium	75 - 125	110	62	43.5	105	
Zinc	75 - 125	140	91	43.5	120	
Strontium	75 - 125	850 D	16 JD	870	96	