

MJNBZ2S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51918

MA No. : SDG No.: MJNBZ1

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 90.6

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	9.5	0.11 J	8.9	106	
Arsenic	75 - 125	7.8	4.6	3.6	92	
Barium	75 - 125	270	82	180	106	
Beryllium	75 - 125	4.9	0.39 J	4.5	102	
Cadmium	75 - 125	5.0	0.14 J	4.5	110	
Chromium	75 - 125	29	11	17.8	99	
Cobalt	75 - 125	59	14	44.5	102	
Copper	75 - 125	51	32	22.3	87	
Lead		20	21	1.8	-8	
Manganese		500	490	44.5	23	
Nickel	75 - 125	68	23	44.5	101	
Molybdenum	75 - 125	86	0.36 J	89.0	96	
Selenium	75 - 125	9.5	0.3 J	8.9	103	
Silver	75 - 125	4.9	0.096 J	4.5	108	
Thallium	75 - 125	4.4	0.15 J	4.5	96	
Vanadium	75 - 125	100	59	44.5	93	
Zinc	75 - 125	110	63	44.5	95	