

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE4D0
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 97.8

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	140		0.6	J	139.5	99	
Arsenic	75 - 125	70		17		55.5	95	
Barium	75 - 125	2900	D	110	D	2850	100	
Beryllium	75 - 125	69		0.46		69.0	98	
Cadmium	75 - 125	67		0.22	J	69.0	95	
Chromium	75 - 125	310		30		279	100	
Cobalt	75 - 125	730	D	14	D	697.5	102	
Copper	75 - 125	380		41		348	98	
Lead	75 - 125	39		13		28.5	90	
Nickel	75 - 125	770	D	25	D	697.5	106	
Selenium	75 - 125	140		0.4	J	139.5	103	
Silver	75 - 125	50		0.082	J	69.0	71	*
Thallium	75 - 125	58		0.093	J	69.0	82	
Vanadium	75 - 125	770	D	68	D	697.5	101	
Zinc	75 - 125	730		68		697.5	95	

MYE4E3S

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Analyte	Control Limit %R	Spiked Sample Result (SSR)	Q	Sample Result (SR)	Q	Spike Added (SA)	%R	Q
Antimony	75 - 125	30		0.6	J	25.5	114	
Arsenic	75 - 125	28		17		10.2	112	
Barium	75 - 125	640	D	110	D	510	105	
Beryllium	75 - 125	15		0.46		12.6	116	
Cadmium	75 - 125	16		0.22	J	12.6	121	
Chromium	75 - 125	89		30		50.7	116	
Cobalt	75 - 125	170	D	14	D	126.9	120	
Copper	75 - 125	110		41		63.3	109	
Lead	75 - 125	19		13		5.1	116	
Nickel	75 - 125	180	D	25	D	126.9	125	
Selenium	75 - 125	30		0.4	J	25.5	116	
Silver	75 - 125	12		0.082	J	12.6	94	
Thallium	75 - 125	13		0.093	J	12.6	103	
Vanadium	75 - 125	220	D	68	D	126.9	120	
Zinc	75 - 125	210		68		126.9	112	