

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51817MA No. : SDG No.: MYE4K0Matrix : SoilAnalytical Method: ICP-MS% Solids: 97.9Concentration 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	120		0.16	J	132	94	
Arsenic	75 - 125	63		14		52.5	92	
Barium	75 - 125	2600	D	110	D	2700	93	
Beryllium	75 - 125	64		0.37		66.0	96	
Cadmium	75 - 125	60		0.18	J	66.0	90	
Chromium	75 - 125	280		25		264	96	
Cobalt	75 - 125	670	D	15	D	660	99	
Copper	75 - 125	350		43		330	93	
Lead	75 - 125	33		11		27.0	86	
Nickel	75 - 125	660	D	22	D	660	96	
Selenium	75 - 125	130		1.9	U	132	98	
Silver	75 - 125	53		0.078	J	66.0	80	
Thallium	75 - 125	61		0.086	J	66.0	92	
Vanadium	75 - 125	680	D	51	D	660	94	
Zinc	75 - 125	660		60		660	91	

MYE4K2S

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Analytical Method: ICP-MS

% Solids: 97.9

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	23		0.16	J	24.6	93	
Arsenic	75 - 125	24		14		9.9	102	
Barium	75 - 125	610	D	110	D	480	101	
Beryllium	75 - 125	13		0.37		12.3	101	
Cadmium	75 - 125	12		0.18	J	12.3	94	
Chromium	75 - 125	75		25		49.5	102	
Cobalt	75 - 125	140	D	15	D	123.6	101	
Copper	75 - 125	100		43		61.8	95	
Lead	75 - 125	16		11		4.8	105	
Nickel	75 - 125	150	D	22	D	123.6	101	
Selenium	75 - 125	23		1.9	U	24.6	93	
Silver	75 - 125	10		0.078	J	12.3	80	
Thallium	75 - 125	10		0.086	J	12.3	82	
Vanadium	75 - 125	180	D	51	D	123.6	102	
Zinc	75 - 125	180		60		123.6	97	