

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51495 MA No. : SDG No.: MYD4C7
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 96.5

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	110		0.32	J	115.5	96	
Arsenic	75 - 125	82		41		46.5	91	
Barium	75 - 125	2200	D	100	D	2250	89	
Beryllium	75 - 125	53		0.56		57.0	92	
Cadmium	75 - 125	55		0.54		57.0	95	
Chromium	75 - 125	230		17		231	92	
Cobalt	75 - 125	580	D	18	D	576	97	
Copper	75 - 125	340		61		288	97	
Lead	75 - 125	49		26		22.5	99	
Nickel	75 - 125	580	D	18	D	576	98	
Selenium	75 - 125	110		0.27	J	115.5	99	
Silver	75 - 125	52		0.17	J	57.0	90	
Thallium	75 - 125	56		0.094	J	57.0	98	
Vanadium	75 - 125	600	D	73	D	576	92	
Zinc	75 - 125	670		130		576	93	

MYD4D3S

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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	22		0.32	J	25.2	86	
Arsenic		55		41		10.2	139	
Barium	75 - 125	560	D	100	D	510	91	
Beryllium	75 - 125	12		0.56		12.6	91	
Cadmium	75 - 125	12		0.54		12.6	93	
Chromium	75 - 125	62		17		50.4	88	
Cobalt	75 - 125	140	D	18	D	126.3	99	
Copper	75 - 125	120		61		63.3	94	
Lead		37		26		5.1	215	
Nickel	75 - 125	140	D	18	D	126.3	100	
Selenium	75 - 125	22		0.27	J	25.2	85	
Silver	75 - 125	11		0.17	J	12.6	86	
Thallium	75 - 125	10		0.094	J	12.6	80	
Vanadium	75 - 125	200	D	73	D	126.3	99	
Zinc	75 - 125	260		130		126.3	98	