

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51495MA No. : SDG No.: MYD548Matrix : SoilAnalytical Method: ICP-MS% Solids: 97.5Concentration 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	130		0.42	J	127.5	97	
Arsenic	75 - 125	72		35		51.0	72	*
Barium	75 - 125	2600	D	120	D	2550	97	
Beryllium	75 - 125	66		0.68		64.5	102	
Cadmium	75 - 125	65		0.41	J	64.5	101	
Chromium	75 - 125	250		19		256.5	91	
Cobalt	75 - 125	600	D	18	D	640.5	90	
Copper	75 - 125	320		53		321	83	
Lead	75 - 125	41		20		25.5	79	
Nickel	75 - 125	600	D	19	D	640.5	91	
Selenium	75 - 125	130		0.76	J	127.5	104	
Silver	75 - 125	53		0.15	J	64.5	82	
Thallium	75 - 125	57		0.12	J	64.5	89	
Vanadium	75 - 125	620	D	80	D	640.5	85	
Zinc	75 - 125	660		100		640.5	87	

MYD4J8S

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Analytical Method: ICP-MS

% Solids: 97.5

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	28		0.42	J	28.2	96	
Arsenic	75 - 125	42		35		11.4	61	*
Barium	75 - 125	620	D	120	D	570	89	
Beryllium	75 - 125	15		0.68		14.1	99	
Cadmium	75 - 125	15		0.41	J	14.1	100	
Chromium	75 - 125	70		19		56.4	90	
Cobalt	75 - 125	150	D	18	D	141	94	
Copper	75 - 125	110		53		70.5	81	
Lead	75 - 125	24		20		5.7	58	*
Nickel	75 - 125	150	D	19	D	141	94	
Selenium	75 - 125	31		0.76	J	28.2	106	
Silver	75 - 125	12		0.15	J	14.1	87	
Thallium	75 - 125	12		0.12	J	14.1	86	
Vanadium	75 - 125	200	D	80	D	141	85	
Zinc	75 - 125	220		100		141	86	