

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51495

MA No. : SDG No.: MYD5B0

Matrix : Soil

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	110		0.93		114	98	
Arsenic	75 - 125	220		170		45.0	97	
Barium	75 - 125	2400	D	180	D	2250	97	
Beryllium	75 - 125	56		0.59		57.0	97	
Cadmium	75 - 125	56		0.39		57.0	97	
Chromium	75 - 125	340		130		228	93	
Cobalt	75 - 125	660	D	41	D	571.5	108	
Copper	75 - 125	340		88		286.5	89	
Lead	75 - 125	35		14		22.5	94	
Nickel	75 - 125	720	D	88	D	571.5	111	
Selenium	75 - 125	120		0.49	J	114	101	
Silver	75 - 125	45		0.086	J	57.0	78	
Thallium	75 - 125	56		0.1	J	57.0	97	
Vanadium	75 - 125	770	D	150	D	571.5	108	
Zinc	75 - 125	630		100		571.5	91	

MYD5B3S

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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	25		0.93		22.5	105	
Arsenic		190		170		9.0	130	
Barium	75 - 125	650	D	180	D	450	103	
Beryllium	75 - 125	13		0.59		11.4	106	
Cadmium	75 - 125	12		0.39		11.4	107	
Chromium	75 - 125	170		130		45.0	105	
Cobalt	75 - 125	170	D	41	D	112.8	111	
Copper	75 - 125	140		88		56.4	94	
Lead	75 - 125	19		14		4.5	114	
Nickel	75 - 125	220	D	88	D	112.8	114	
Selenium	75 - 125	25		0.49	J	22.5	107	
Silver	75 - 125	12		0.086	J	11.4	106	
Thallium	75 - 125	11		0.1	J	11.4	96	
Vanadium	75 - 125	280	D	150	D	112.8	112	
Zinc	75 - 125	210		100		112.8	97	