

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDA19
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 98.8

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	130		0.32	J	147	90	
Arsenic	75 - 125	98		43		58.5	93	
Barium	75 - 125	3000	D	110	D	3000	98	
Beryllium	75 - 125	69		0.58		73.5	93	
Cadmium	75 - 125	66		0.3	J	73.5	89	
Chromium	75 - 125	320		44		295.5	95	
Cobalt	75 - 125	740	D	22	D	736.5	98	
Copper	75 - 125	420		72		369	94	
Lead	75 - 125	45		18		30.0	92	
Nickel	75 - 125	750	D	32	D	736.5	97	
Selenium	75 - 125	150		0.37	J	147	102	
Silver	75 - 125	64		0.066	J	73.5	87	
Thallium	75 - 125	67		0.07	J	73.5	91	
Vanadium	75 - 125	800	D	89	D	736.5	97	
Zinc	75 - 125	800		85		736.5	97	

MYDA42S

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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		0.32	J	26.1	95	
Arsenic		53		43		10.5	89	
Barium	75 - 125	680	D	110	D	510	108	
Beryllium	75 - 125	14		0.58		13.2	104	
Cadmium	75 - 125	13		0.3	J	13.2	98	
Chromium	75 - 125	99		44		52.5	106	
Cobalt	75 - 125	160	D	22	D	130.8	108	
Copper	75 - 125	140		72		65.4	105	
Lead	75 - 125	22		18		5.1	85	
Nickel	75 - 125	170	D	32	D	130.8	108	
Selenium	75 - 125	19		0.37	J	26.1	70	*
Silver	75 - 125	12		0.066	J	13.2	91	
Thallium	75 - 125	12		0.07	J	13.2	90	
Vanadium	75 - 125	230	D	89	D	130.8	109	
Zinc	75 - 125	220		85		130.8	105	