

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51779

MA No. : SDG No.: MYCZ59

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	130		0.1	J	123	101	
Arsenic	75 - 125	74		30		49.5	91	
Barium	75 - 125	2700	D	140	D	2400	102	
Beryllium	75 - 125	61		0.6		61.5	98	
Cadmium	75 - 125	62		0.29	J	61.5	100	
Chromium	75 - 125	260		24		247.5	96	
Cobalt	75 - 125	640	D	20	D	618	100	
Copper	75 - 125	320		42		309	90	
Lead	75 - 125	39		16		24.0	96	
Nickel	75 - 125	640	D	23	D	618	99	
Selenium	75 - 125	120		0.45	J	123	93	
Silver	75 - 125	49		0.057	J	61.5	78	
Thallium	75 - 125	63		0.1	J	61.5	101	
Vanadium	75 - 125	680	D	78	D	618	98	
Zinc	75 - 125	680		89		618	96	

MYD021S

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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	28		0.1	J	23.7	118	
Arsenic	75 - 125	36		30		9.3	72	*
Barium	75 - 125	690	D	140	D	480	117	
Beryllium	75 - 125	15		0.6		11.7	118	
Cadmium	75 - 125	15		0.29	J	11.7	121	
Chromium	75 - 125	74		24		47.1	106	
Cobalt	75 - 125	160	D	20	D	117.9	116	
Copper	75 - 125	100		42		58.8	99	
Lead	75 - 125	20		16		4.8	88	
Nickel	75 - 125	160	D	23	D	117.9	116	
Selenium	75 - 125	25		0.45	J	23.7	105	
Silver	75 - 125	14		0.057	J	11.7	116	
Thallium	75 - 125	14		0.1	J	11.7	113	
Vanadium	75 - 125	210	D	78	D	117.9	108	
Zinc	75 - 125	210		89		117.9	101	