

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51779

MA No. : SDG No.: MYCZ69

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 97.6

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	0.058 J	126	103	
Arsenic	75 - 125	63	14	51.0	97	
Barium	75 - 125	2800 D	170 D	2550	103	
Beryllium	75 - 125	64	0.62	63.0	101	
Cadmium	75 - 125	66	0.18 J	63.0	105	
Chromium	75 - 125	280	23	252	103	
Cobalt	75 - 125	660 D	15 D	630	103	
Copper	75 - 125	330	27	315	97	
Lead	75 - 125	33	9.4	25.5	95	
Nickel	75 - 125	670 D	23 D	630	102	
Selenium	75 - 125	140	2.3 U	126	111	
Silver	75 - 125	65	0.45 U	63.0	103	
Thallium	75 - 125	64	0.11 J	63.0	101	
Vanadium	75 - 125	680 D	44 D	630	101	
Zinc	75 - 125	730	72	630	104	

MYCZ88S

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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	34		0.058	J	27.9	120	
Arsenic	75 - 125	28		14		11.1	122	
Barium	75 - 125	880	D	170	D	570	126	*
Beryllium	75 - 125	17		0.62		14.1	120	
Cadmium	75 - 125	18		0.18	J	14.1	125	
Chromium	75 - 125	90		23		55.8	120	
Cobalt	75 - 125	190	D	15	D	139.8	123	
Copper	75 - 125	110		27		69.9	117	
Lead	75 - 125	16		9.4		5.7	119	
Nickel	75 - 125	200	D	23	D	139.8	125	
Selenium	75 - 125	32		2.3	U	27.9	115	
Silver	75 - 125	17		0.45	U	14.1	122	
Thallium	75 - 125	16		0.11	J	14.1	115	
Vanadium	75 - 125	210	D	44	D	139.8	121	
Zinc	75 - 125	240		72		139.8	122	