

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51779

MA No. : SDG No.: MYCZ39

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 99.3

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	140	0.34 J	127.5	106	
Arsenic	75 - 125	92	45	51.0	93	
Barium	75 - 125	2700 D	130 D	2550	99	
Beryllium	75 - 125	63	0.5	64.5	98	
Cadmium	75 - 125	69	0.68	64.5	107	
Chromium	75 - 125	280	25	256.5	100	
Cobalt	75 - 125	670 D	18 D	640.5	102	
Copper	75 - 125	350	49	319.5	94	
Lead	75 - 125	87	65	25.5	88	
Nickel	75 - 125	660 D	21 D	640.5	100	
Selenium	75 - 125	140	0.46 J	127.5	110	
Silver	75 - 125	45	0.27 J	64.5	70	*
Thallium	75 - 125	66	0.14 J	64.5	102	
Vanadium	75 - 125	700 D	63 D	640.5	99	
Zinc	75 - 125	830	180	640.5	101	

MYCZ58S

FORM 5A - IN

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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	33		0.34	J	27.6	117	
Arsenic		58		45		11.1	120	
Barium	75 - 125	780	D	130	D	540	118	
Beryllium	75 - 125	16		0.5		13.8	113	
Cadmium	75 - 125	18		0.68		13.8	123	
Chromium	75 - 125	89		25		54.9	116	
Cobalt	75 - 125	180	D	18	D	137.4	117	
Copper	75 - 125	130		49		68.7	111	
Lead		72		65		5.4	129	
Nickel	75 - 125	180	D	21	D	137.4	117	
Selenium	75 - 125	33		0.46	J	27.6	118	
Silver	75 - 125	16		0.27	J	13.8	111	
Thallium	75 - 125	16		0.14	J	13.8	112	
Vanadium	75 - 125	220	D	63	D	137.4	114	
Zinc	75 - 125	340		180		137.4	115	