

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZ89
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 99.2

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	120		0.15	J	121.5	98	
Arsenic	75 - 125	68		21		48.0	98	
Barium	75 - 125	2500	D	34	D	2400	101	
Beryllium	75 - 125	58		0.21	J	60.0	96	
Cadmium	75 - 125	59		0.29	J	60.0	98	
Chromium	75 - 125	320		100		241.5	89	
Cobalt	75 - 125	630	D	43	D	604.5	97	
Copper	75 - 125	370		120		303	84	
Lead	75 - 125	32		5.2		24.0	112	
Nickel	75 - 125	640	D	70	D	604.5	95	
Selenium	75 - 125	130		2.1	U	121.5	107	
Silver	75 - 125	61		0.073	J	60.0	100	
Thallium	75 - 125	60		0.073	J	60.0	98	
Vanadium	75 - 125	760	D	190	D	604.5	94	
Zinc	75 - 125	630		79		604.5	90	

MYCZA8S

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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	30		0.15	J	25.5	117	
Arsenic	75 - 125	32		21		10.2	113	
Barium	75 - 125	660	D	34	D	510	122	
Beryllium	75 - 125	15		0.21	J	12.9	114	
Cadmium	75 - 125	16		0.29	J	12.9	121	
Chromium	75 - 125	150		100		51.3	101	
Cobalt	75 - 125	190	D	43	D	128.1	117	
Copper	75 - 125	180		120		64.2	98	
Lead	75 - 125	15		5.2		5.1	193	*
Nickel	75 - 125	220	D	70	D	128.1	118	
Selenium	75 - 125	27		2.1	U	25.5	105	
Silver	75 - 125	15		0.073	J	12.9	113	
Thallium	75 - 125	15		0.073	J	12.9	114	
Vanadium	75 - 125	340	D	190	D	128.1	116	
Zinc	75 - 125	210		79		128.1	102	