

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZR9
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 99

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		0.033	J	123	103	
Arsenic	75 - 125	68		4.4		49.5	129	*
Barium	75 - 125	2600	D	70	D	2400	102	
Beryllium	75 - 125	63		0.24	J	61.5	102	
Cadmium	75 - 125	63		0.074	J	61.5	102	
Chromium	75 - 125	280		29		246	104	
Cobalt	75 - 125	640	D	11	D	616.5	102	
Copper	75 - 125	330		32		307.5	97	
Lead	75 - 125	29		5.6		24.0	95	
Nickel	75 - 125	640	D	23	D	616.5	100	
Selenium	75 - 125	130		1.8	U	123	106	
Silver	75 - 125	60		0.37	U	61.5	97	
Thallium	75 - 125	62		0.033	J	61.5	100	
Vanadium	75 - 125	660	D	39	D	616.5	101	
Zinc	75 - 125	700		59		616.5	104	

MYD033S

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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		0.033	J	26.1	115	
Arsenic	75 - 125	21		4.4		10.5	162	*
Barium	75 - 125	710	D	70	D	510	123	
Beryllium	75 - 125	16		0.24	J	13.2	121	
Cadmium	75 - 125	16		0.074	J	13.2	121	
Chromium	75 - 125	98		29		52.2	132	*
Cobalt	75 - 125	170	D	11	D	130.5	118	
Copper	75 - 125	110		32		65.4	125	
Lead	75 - 125	12		5.6		5.1	126	*
Nickel	75 - 125	180	D	23	D	130.5	122	
Selenium	75 - 125	27		1.8	U	26.1	103	
Silver	75 - 125	15		0.37	U	13.2	115	
Thallium	75 - 125	14		0.033	J	13.2	108	
Vanadium	75 - 125	200	D	39	D	130.5	121	
Zinc	75 - 125	220		59		130.5	125	