

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDAZ2
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 98.8

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	110		0.72	J	126	84	
Arsenic	75 - 125	97		59		51.0	76	
Barium	75 - 125	2500	D	100	D	2550	94	
Beryllium	75 - 125	63		0.59		63.0	99	
Cadmium	75 - 125	54		0.76		63.0	85	
Chromium	75 - 125	260		17		253.5	95	
Cobalt	75 - 125	640	D	15	D	633	99	
Copper	75 - 125	360		72		316.5	91	
Lead	75 - 125	61		46		25.5	57	*
Nickel	75 - 125	640	D	17	D	633	99	
Selenium	75 - 125	110		0.37	J	126	86	
Silver	75 - 125	45		0.28	J	63.0	71	*
Thallium	75 - 125	47		0.1	J	63.0	75	
Vanadium	75 - 125	660	D	62	D	633	94	
Zinc	75 - 125	780		200		633	93	

MYDB17S

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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		0.72	J	26.1	106	
Arsenic		67		59		10.5	77	
Barium	75 - 125	610	D	100	D	510	98	
Beryllium	75 - 125	17		0.59		12.9	123	
Cadmium	75 - 125	15		0.76		12.9	107	
Chromium	75 - 125	73		17		51.9	107	
Cobalt	75 - 125	160	D	15	D	129.9	110	
Copper	75 - 125	140		72		64.8	97	
Lead		52		46		5.1	121	
Nickel	75 - 125	160	D	17	D	129.9	111	
Selenium	75 - 125	28		0.37	J	26.1	105	
Silver	75 - 125	12		0.28	J	12.9	92	
Thallium	75 - 125	12		0.1	J	12.9	92	
Vanadium	75 - 125	200	D	62	D	129.9	105	
Zinc	75 - 125	320		200		129.9	97	