

MYDAM9SRE

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 313864

MA No. : SDG No.: MYDAL9

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	100	0.7	J	105	95
Arsenic	75 - 125	54	22		42.0	76
Barium	75 - 125	1900	D	73	D	2100
Beryllium	75 - 125	49	0.36	J	52.5	92
Cadmium	75 - 125	48	0.16	J	52.5	91
Chromium	75 - 125	190	12		210	84
Cobalt	75 - 125	460	D	11	D	525
Copper	75 - 125	230	23		262.5	80
Lead	75 - 125	27	13		21.0	70 *
Nickel	75 - 125	470	D	12	D	525
Selenium	75 - 125	110	2.2	U	105	105
Silver	75 - 125	16	0.45	U	52.5	31 *
Thallium	75 - 125	49	0.045	J	52.5	93
Vanadium	75 - 125	490	D	50	D	525
Zinc	75 - 125	480	79		525	77

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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	22		0.7	J	20.7	104	
Arsenic	75 - 125	26		22		8.4	46	*
Barium	75 - 125	520	D	73	D	420	107	
Beryllium	75 - 125	14		0.36	J	10.5	129	*
Cadmium	75 - 125	11		0.16	J	10.5	107	
Chromium	75 - 125	58		12		41.7	110	
Cobalt	75 - 125	130	D	11	D	104.1	116	
Copper	75 - 125	74		23		52.2	99	
Lead	75 - 125	14		13		4.2	36	*
Nickel	75 - 125	140	D	12	D	104.1	121	
Selenium	75 - 125	28		2.2	U	20.7	134	*
Silver	75 - 125	9.8		0.45	U	10.5	94	
Thallium	75 - 125	9.9		0.045	J	10.5	95	
Vanadium	75 - 125	160	D	50	D	104.1	108	
Zinc	75 - 125	170		79		104.1	90	