

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51495

MA No. : SDG No.: MYD5D1

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 97

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	1.1	133.5	98	
Arsenic	75 - 125	170	120	54.0	89	
Barium	75 - 125	2800 D	200 D	2700	96	
Beryllium	75 - 125	67	0.67	66.0	99	
Cadmium	75 - 125	65	0.47	66.0	97	
Chromium	75 - 125	340	93	267	94	
Cobalt	75 - 125	710 D	34 D	666	102	
Copper	75 - 125	390	91	333	91	
Lead	75 - 125	39	16	27.0	89	
Nickel	75 - 125	760 D	73 D	666	103	
Selenium	75 - 125	140	0.46 J	133.5	103	
Silver	75 - 125	53	0.12 J	66.0	79	
Thallium	75 - 125	64	0.13 J	66.0	96	
Vanadium	75 - 125	790 D	130 D	666	98	
Zinc	75 - 125	730	100	666	94	

MYD5D4S

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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	23	1.1	22.5	97	
Arsenic		110	120	9.0	-79	
Barium	75 - 125	590 D	200 D	450	86	
Beryllium	75 - 125	12	0.67	11.1	101	
Cadmium	75 - 125	12	0.47	11.1	100	
Chromium	75 - 125	120	93	44.7	69	*
Cobalt	75 - 125	140 D	34 D	112.2	98	
Copper	75 - 125	130	91	56.1	71	*
Lead	75 - 125	18	16	4.5	47	*
Nickel	75 - 125	180 D	73 D	112.2	93	
Selenium	75 - 125	22	0.46 J	22.5	94	
Silver	75 - 125	11	0.12 J	11.1	100	
Thallium	75 - 125	10	0.13 J	11.1	89	
Vanadium	75 - 125	220 D	130 D	112.2	81	
Zinc	75 - 125	200	100	112.2	84	