

MYD4G6SRE

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51495

MA No. : SDG No.: MYD4S8

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	100	0.87	103.5	99	
Arsenic	75 - 125	84	51	40.5	80	
Barium	75 - 125	2100 D	94 D	2100	99	
Beryllium	75 - 125	50	0.55	51.0	97	
Cadmium	75 - 125	49	0.87	51.0	93	
Chromium	75 - 125	210	14	205.5	95	
Cobalt	75 - 125	540 D	17 D	514.5	102	
Copper	75 - 125	300	67	256.5	91	
Lead	75 - 125	60	39	21.0	104	
Nickel	75 - 125	540 D	14 D	514.5	103	
Selenium	75 - 125	100	0.56 J	103.5	99	
Silver	75 - 125	48	0.25 J	51.0	93	
Thallium	75 - 125	51	0.11 J	51.0	99	
Vanadium	75 - 125	570 D	68 D	514.5	98	
Zinc	75 - 125	630	150	514.5	93	

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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	24		0.87		23.4	98	
Arsenic		66		51		9.3	163	
Barium	75 - 125	560	D	94	D	480	100	
Beryllium	75 - 125	12		0.55		11.7	101	
Cadmium	75 - 125	12		0.87		11.7	95	
Chromium	75 - 125	62		14		46.8	103	
Cobalt	75 - 125	150	D	17	D	117.3	113	
Copper	75 - 125	130		67		58.5	112	
Lead		49		39		4.8	222	
Nickel	75 - 125	150	D	14	D	117.3	112	
Selenium	75 - 125	25		0.56	J	23.4	102	
Silver	75 - 125	12		0.25	J	11.7	103	
Thallium	75 - 125	10		0.11	J	11.7	88	
Vanadium	75 - 125	210	D	68	D	117.3	118	
Zinc	75 - 125	280		150		117.3	116	