

MYD4Y4SRE

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51495

MA No. : SDG No.: MYD4Y8

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 98.6

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		0.49	J	109.5	95	
Arsenic	75 - 125	67		28		43.5	87	
Barium	75 - 125	2200	D	120	D	2250	95	
Beryllium	75 - 125	50		0.55		55.5	90	
Cadmium	75 - 125	53		0.22	J	55.5	95	
Chromium	75 - 125	230		19		220.5	96	
Cobalt	75 - 125	590	D	14	D	550.5	104	
Copper	75 - 125	290		31		276	93	
Lead	75 - 125	37		18		22.5	88	
Nickel	75 - 125	620	D	19	D	550.5	108	
Selenium	75 - 125	110		0.44	J	109.5	97	
Silver	75 - 125	49		0.1	J	55.5	89	
Thallium	75 - 125	51		0.12	J	55.5	92	
Vanadium	75 - 125	600	D	57	D	550.5	99	
Zinc	75 - 125	630		91		550.5	97	

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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		0.49	J	21.9	101	
Arsenic	75 - 125	35		28		8.7	79	
Barium	75 - 125	550	D	120	D	450	98	
Beryllium	75 - 125	10		0.55		10.8	87	
Cadmium	75 - 125	11		0.22	J	10.8	97	
Chromium	75 - 125	64		19		43.8	104	
Cobalt	75 - 125	130	D	14	D	109.5	109	
Copper	75 - 125	86		31		54.6	100	
Lead		21		18		4.5	80	
Nickel	75 - 125	130	D	19	D	109.5	103	
Selenium	75 - 125	21		0.44	J	21.9	93	
Silver	75 - 125	11		0.1	J	10.8	101	
Thallium	75 - 125	11		0.12	J	10.8	98	
Vanadium	75 - 125	160	D	57	D	109.5	94	
Zinc	75 - 125	190		91		109.5	92	