

MYD5Y3SRE

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51495

MA No. : SDG No.: MYD5X5

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 95.4

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	120	0.13 J	124.5	95	
Arsenic	75 - 125	58	12	49.5	92	
Barium	75 - 125	2800 D	210 D	2550	106	
Beryllium	75 - 125	54	0.69	61.5	86	
Cadmium	75 - 125	58	0.13 J	61.5	94	
Chromium	75 - 125	270	20	247.5	99	
Cobalt	75 - 125	660 D	14 D	619.5	105	
Copper	75 - 125	330	32	309	96	
Lead	75 - 125	42	17	25.5	101	
Nickel	75 - 125	690 D	20 D	619.5	108	
Selenium	75 - 125	120	0.5 J	124.5	98	
Silver	75 - 125	61	0.066 J	61.5	98	
Thallium	75 - 125	58	0.11 J	61.5	93	
Vanadium	75 - 125	680 D	46 D	619.5	103	
Zinc	75 - 125	640	68	619.5	93	

MYD5Y3S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51495

MA No. : SDG No.: MYD5X5

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 95.4

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	22		0.13	J	22.5	97	
Arsenic	75 - 125	21		12		9.0	93	
Barium	75 - 125	660	D	210	D	450	100	
Beryllium	75 - 125	11		0.69		11.1	91	
Cadmium	75 - 125	11		0.13	J	11.1	97	
Chromium	75 - 125	63		20		45.0	96	
Cobalt	75 - 125	140	D	14	D	112.2	110	
Copper	75 - 125	89		32		56.1	102	
Lead	75 - 125	22		17		4.5	100	
Nickel	75 - 125	150	D	20	D	112.2	115	
Selenium	75 - 125	23		0.5	J	22.5	99	
Silver	75 - 125	11		0.066	J	11.1	96	
Thallium	75 - 125	11		0.11	J	11.1	98	
Vanadium	75 - 125	170	D	46	D	112.2	109	
Zinc	75 - 125	170		68		112.2	95	