

MYD430SRE

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51495

MA No. : SDG No.: MYD4H1

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 97.4

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	110		0.12	J	129	89	
Arsenic	75 - 125	53		9.3		51.0	85	
Barium	75 - 125	2700	D	160	D	2550	97	
Beryllium	75 - 125	61		0.79		64.5	93	
Cadmium	75 - 125	59		0.21	J	64.5	92	
Chromium	75 - 125	260		21		256.5	92	
Cobalt	75 - 125	640	D	15	D	642	97	
Copper	75 - 125	320		31		321	88	
Lead	75 - 125	31		8.8		25.5	88	
Nickel	75 - 125	660	D	24	D	642	99	
Selenium	75 - 125	120		2.0	U	129	94	
Silver	75 - 125	57		0.15	J	64.5	89	
Thallium	75 - 125	53		0.21	J	64.5	82	
Vanadium	75 - 125	670	D	49	D	642	96	
Zinc	75 - 125	650		64		642	92	

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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		0.12	J	23.4	92	
Arsenic	75 - 125	18		9.3		9.3	90	
Barium	75 - 125	620	D	160	D	480	97	
Beryllium	75 - 125	12		0.79		11.7	96	
Cadmium	75 - 125	11		0.21	J	11.7	94	
Chromium	75 - 125	64		21		46.8	94	
Cobalt	75 - 125	140	D	15	D	116.7	104	
Copper	75 - 125	85		31		58.2	91	
Lead	75 - 125	13		8.8		4.8	92	
Nickel	75 - 125	150	D	24	D	116.7	106	
Selenium	75 - 125	23		2.0	U	23.4	99	
Silver	75 - 125	11		0.15	J	11.7	92	
Thallium	75 - 125	9.9		0.21	J	11.7	83	
Vanadium	75 - 125	170	D	49	D	116.7	105	
Zinc	75 - 125	170		64		116.7	94	