

MYDBE6S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51772

MA No. : SDG No.: MYDBD4

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 96.7

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	26	D	4.0	JD	29.4	74	*
Arsenic		110	D	120	D	11.74	-138	
Barium	75 - 125	980	D	530	D	586	75	
Beryllium	75 - 125	15	D	2.0	D	14.66	87	
Cadmium	75 - 125	20	D	8.4	D	14.66	81	
Chromium	75 - 125	130	D	89	D	58.6	71	*
Cobalt	75 - 125	160	D	28	D	146.6	93	
Copper		1200	D	1400	D	73.4	-269	
Lead		280	D	340	D	5.86	-1018	
Manganese		850	D	870	D	146.6	-14	
Nickel	75 - 125	220	D	100	D	146.6	84	
Selenium	75 - 125	22	D	1.8	JD	29.4	70	*
Silver	75 - 125	14	D	1.1	JD	14.66	84	
Thallium	75 - 125	9.2	D	4.5	UD	14.66	99	
Vanadium	75 - 125	180	D	61	D	146.6	83	
Zinc		710	D	740	D	146.6	-20	