

MYE5G1S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE5G1

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 93.7

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	25	D	1.4	JD	29.0	81	
Arsenic		110	D	110	D	11.62	-18	
Barium	75 - 125	790	D	250	D	580	93	
Beryllium	75 - 125	15	D	1.0	D	14.52	93	
Cadmium	75 - 125	19	D	4.2	D	14.52	101	
Chromium	75 - 125	94	D	42	D	58.0	90	
Cobalt	75 - 125	170	D	25	D	145.2	101	
Copper	75 - 125	240	D	200	D	72.6	49	*
Lead		73	D	79	D	5.8	-98	
Manganese		1900	D	2100	D	145.2	-107	
Nickel	75 - 125	190	D	49	D	145.2	98	
Selenium	75 - 125	23	D	5.8	UD	29.0	81	
Silver	75 - 125	10	D	1.7	UD	14.52	94	
Thallium	75 - 125	6.3	D	4.1	UD	14.52	102	
Vanadium	75 - 125	230	D	100	D	145.2	90	
Zinc	75 - 125	270	D	170	D	145.2	65	*