

MYE4R9S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE4R9

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	27	D	2.0	JD	31.6	80	
Arsenic		80	D	72	D	12.64	60	
Barium	75 - 125	890	D	300	D	632	94	
Beryllium	75 - 125	16	D	1.3	D	15.78	94	
Cadmium	75 - 125	18	D	2.4	D	15.78	98	
Chromium	75 - 125	110	D	47	D	63.2	95	
Cobalt	75 - 125	180	D	29	D	157.8	98	
Copper	75 - 125	220	D	160	D	79.0	78	
Lead		53	D	51	D	6.32	39	
Manganese		1200	D	1100	D	157.8	51	
Nickel	75 - 125	220	D	67	D	157.8	97	
Selenium	75 - 125	25	D	5.8	UD	31.6	77	
Silver	75 - 125	9.8	D	1.7	UD	15.78	93	
Thallium	75 - 125	8.8	D	4.2	UD	15.78	104	
Vanadium	75 - 125	240	D	98	D	157.8	91	
Zinc	75 - 125	260	D	140	D	157.8	77	