

MYE4R1S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE4R1

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 98.5

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	29	D	1.8	JD	33.6	81	
Arsenic	75 - 125	56	D	43	D	13.42	96	
Barium	75 - 125	860	D	210	D	672	97	
Beryllium	75 - 125	16	D	0.48	JD	16.78	94	
Cadmium	75 - 125	20	D	2.3	D	16.78	103	
Chromium	75 - 125	110	D	37	D	67.2	105	
Cobalt	75 - 125	190	D	23	D	167.8	101	
Copper	75 - 125	180	D	100	D	84.0	92	
Lead		48	D	40	D	6.72	123	
Manganese		1300	D	1100	D	167.8	118	
Nickel	75 - 125	220	D	43	D	167.8	102	
Selenium	75 - 125	26	D	5.6	UD	33.6	78	
Silver	75 - 125	12	D	1.6	UD	16.78	90	
Thallium	75 - 125	17	D	1.4	JD	16.78	95	
Vanadium	75 - 125	260	D	86	D	167.8	101	
Zinc	75 - 125	240	D	100	D	167.8	85	