

MYE531S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE531

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 96

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	10.0	UD	33.6	78	
Arsenic	75 - 125	49	D	38	D	13.44	76	
Barium	75 - 125	840	D	240	D	672	89	
Beryllium	75 - 125	16	D	1.1	D	16.8	91	
Cadmium	75 - 125	18	D	1.5	D	16.8	97	
Chromium	75 - 125	110	D	45	D	67.2	92	
Cobalt	75 - 125	190	D	25	D	168	96	
Copper	75 - 125	150	D	85	D	84.0	79	
Lead		36	D	33	D	6.72	44	
Manganese		1200	D	1200	D	168	32	
Nickel	75 - 125	220	D	55	D	168	95	
Selenium	75 - 125	25	D	5.9	UD	33.6	83	
Silver	75 - 125	12	D	1.7	UD	16.8	92	
Thallium	75 - 125	8.9	D	4.2	UD	16.8	94	
Vanadium	75 - 125	230	D	79	D	168	88	
Zinc	75 - 125	230	D	100	D	168	77	