

MYE494S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE490

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 95.1

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	31	D	1.5	JD	38.2	78	
Arsenic	75 - 125	58	D	38	D	15.3	125	
Barium	75 - 125	1000	D	240	D	764	100	
Beryllium	75 - 125	19	D	0.88	D	19.12	95	
Cadmium	75 - 125	19	D	0.37	JD	19.12	98	
Chromium	75 - 125	120	D	36	D	76.4	110	
Cobalt	75 - 125	210	D	20	D	191.2	100	
Copper	75 - 125	160	D	67	D	95.6	101	
Lead	75 - 125	34	D	23	D	7.64	151	*
Manganese		1100	D	790	D	191.2	169	
Nickel	75 - 125	240	D	44	D	191.2	103	
Selenium	75 - 125	23	D	5.7	UD	38.2	74	*
Silver	75 - 125	14	D	1.6	UD	19.12	89	
Thallium	75 - 125	10	D	4.0	UD	19.12	85	
Vanadium	75 - 125	270	D	75	D	191.2	104	
Zinc	75 - 125	230	D	67	D	191.2	83	