

MC0AZ7S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51973

MA No. : SDG No.: MC0AZ0

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 41.4

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	28	1.3 J	37.7	69	*
Arsenic	75 - 125	25	17	15.1	56	*
Barium	75 - 125	690	110	750	76	
Beryllium	75 - 125	18	3.9	18.9	74	*
Cadmium	75 - 125	19	1.7	18.9	93	
Chromium	75 - 125	98	38	75.5	80	
Cobalt	75 - 125	230	54	190	90	
Copper	75 - 125	120	53	94.4	72	*
Lead		150	170	7.5	-271	
Manganese	75 - 125	220	84	190	71	*
Nickel	75 - 125	230	56	190	90	
Selenium	75 - 125	31	5.6 J	37.7	68	*
Silver	75 - 125	11	2.2 U	18.9	58	*
Thallium	75 - 125	19	5.5 U	18.9	101	
Vanadium	75 - 125	170	19	190	80	
Zinc	75 - 125	240	120	190	65	*