

MBHJQ3S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHJQ0

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 86.5

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	13	1.8 J	16.6	69	*
Arsenic	75 - 125	14	6.7	6.65	103	
Barium	75 - 125	340	68	333	81	
Beryllium	75 - 125	7.0	0.49	8.32	78	
Cadmium	75 - 125	8.6	0.55	8.32	97	
Chromium	75 - 125	37	9.5	33.3	83	
Cobalt	75 - 125	91	11	83.2	96	
Copper	75 - 125	44	13	41.6	74	*
Lead		20	16	3.33	107	
Manganese		1100	1000	83.2	81	
Nickel	75 - 125	100	18	83.2	98	
Selenium	75 - 125	16	5.4	16.6	66	*
Silver	75 - 125	6.0	1.1	8.32	59	*
Thallium	75 - 125	4.5	2.1 U	8.32	54	*
Vanadium	75 - 125	82	13	83.2	83	
Zinc	75 - 125	120	59	83.2	72	*