

MBHKN4S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE

Case No.: 51879

MA No. :

SDG No.: MBHN68

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 88

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	12		4.7	U	19.3	62	*
Arsenic	75 - 125	13		6.4		7.7	85	
Barium	75 - 125	430		120		390	79	
Beryllium	75 - 125	7.9		0.4		9.6	78	
Cadmium	75 - 125	10		0.79		9.6	98	
Chromium	75 - 125	45		11		38.5	88	
Cobalt	75 - 125	100		6.8		96.3	99	
Copper	75 - 125	61		21		48.2	83	
Lead		230		190		3.9	1085	
Manganese		810		610		96.3	209	
Nickel	75 - 125	110		14		96.3	101	
Selenium	75 - 125	16		2.7	J	19.3	67	*
Silver	75 - 125	4.2		0.79	U	9.6	44	*
Thallium	75 - 125	9.3		2.0	U	9.6	97	
Vanadium	75 - 125	90		13		96.3	80	
Zinc	75 - 125	340		220		96.3	131	*