

MBHJY0S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHJW4

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 71.6

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	20	0.79 J	24.5	79	
Arsenic	75 - 125	15	8.6	9.8	69	*
Barium	75 - 125	590	140	490	91	
Beryllium	75 - 125	12	0.8	12.3	88	
Cadmium	75 - 125	12	0.7	12.3	93	
Chromium	75 - 125	63	16	49.0	97	
Cobalt	75 - 125	130	9.0	123	99	
Copper	75 - 125	99	43	61.3	90	
Lead		250	240	4.9	308	
Manganese		770	620	123	120	
Nickel	75 - 125	150	23	123	99	
Selenium	75 - 125	18	3.9 U	24.5	73	*
Silver	75 - 125	9.4	1.1 U	12.3	77	
Thallium	75 - 125	10	2.8 U	12.3	82	
Vanadium	75 - 125	130	23	123	88	
Zinc	75 - 125	320	220	123	84	