

ME28Y9S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51847

MA No. : SDG No.: ME28Y6

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 79.8

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	0.36 J	0.51 J	9.4	-2	*
Arsenic	75 - 125	110	8.3	3.8	2615	*
Barium	75 - 125	280	100	190	94	
Beryllium	75 - 125	5.1	0.5 J	4.7	97	
Cadmium	75 - 125	47	0.7	4.7	984	*
Chromium	75 - 125	40	25	18.8	76	
Cobalt	75 - 125	56	10	47.1	97	
Copper	75 - 125	43	25	23.6	77	
Lead		120	44	1.9	3876	
Manganese		790	910	47.1	-262	
Nickel	75 - 125	74	32	47.1	90	
Selenium	75 - 125	110	0.51 J	9.4	1122	*
Silver	75 - 125	5.0	0.18 J	4.7	101	
Thallium	75 - 125	88	0.25 J	4.7	1870	*
Vanadium	75 - 125	65	22	47.1	92	
Zinc	75 - 125	140	120	47.1	52	*