

ME28Q4S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51847

MA No. : SDG No.: ME28N9

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 77.8

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	12		2.0		10.0	101	
Arsenic		18		16		4.0	52	
Barium	75 - 125	340		140		200	100	
Beryllium	75 - 125	5.9		1.0		5.0	99	
Cadmium	75 - 125	9.7		5.1		5.0	92	
Chromium		280		300		19.9	-78	
Cobalt	75 - 125	59		8.2		49.8	102	
Copper	75 - 125	81		65		24.9	64	*
Lead		2500	D	2800	D	2.0	-1652	
Manganese		5900	D	6200	D	49.8	-626	
Nickel	75 - 125	180		150		49.8	64	*
Selenium	75 - 125	11		0.36	J	10.0	107	
Silver	75 - 125	7.9		3.0		5.0	97	
Thallium	75 - 125	5.3	D	1.1	D	5.0	84	
Vanadium	75 - 125	79		30		49.8	98	
Zinc		13000	D	14000	D	49.8	-3315	