

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51772

MA No. : SDG No.: MYDB73

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 95.4

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	130		0.27	J	141	94	
Arsenic	75 - 125	66		20		57.0	82	
Barium	75 - 125	2900	D	180	D	2850	96	
Beryllium	75 - 125	75		0.86		70.5	105	
Cadmium	75 - 125	66		0.12	J	70.5	93	
Chromium	75 - 125	280		20		283.5	92	
Cobalt	75 - 125	720	D	17	D	708	99	
Copper	75 - 125	350		35		354	88	
Lead	75 - 125	34		11		28.5	81	
Nickel	75 - 125	720	D	20	D	708	100	
Selenium	75 - 125	120		0.35	J	141	86	
Silver	75 - 125	38		0.061	J	70.5	54	*
Thallium	75 - 125	59		0.09	J	70.5	83	
Vanadium	75 - 125	750	D	69	D	708	96	
Zinc	75 - 125	690		69		708	88	

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Analyte	Control Limit %R	Spiked Sample Result (SSR)	Q	Sample Result (SR)	Q	Spike Added (SA)	%R	Q
Antimony	75 - 125	30		0.27	J	28.2	103	
Arsenic	75 - 125	30		20		11.4	93	
Barium	75 - 125	760	D	180	D	570	102	
Beryllium	75 - 125	18		0.86		14.1	119	
Cadmium	75 - 125	15		0.12	J	14.1	108	
Chromium	75 - 125	79		20		56.7	104	
Cobalt	75 - 125	180	D	17	D	141.6	111	
Copper	75 - 125	100		35		70.8	97	
Lead	75 - 125	16		11		5.7	86	
Nickel	75 - 125	180	D	20	D	141.6	116	
Selenium	75 - 125	33		0.35	J	28.2	114	
Silver	75 - 125	12		0.061	J	14.1	85	
Thallium	75 - 125	14		0.09	J	14.1	94	
Vanadium	75 - 125	230	D	69	D	141.6	110	
Zinc	75 - 125	210		69		141.6	101	