

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51495

MA No. : SDG No.: MYD4Q9

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 98.6

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	110	1.1	112.5	100	
Arsenic	75 - 125	120	89	45.0	77	
Barium	75 - 125	2400 D	110 D	2250	100	
Beryllium	75 - 125	56	0.54	57.0	98	
Cadmium	75 - 125	57	0.88	57.0	100	
Chromium	75 - 125	220	17	225	91	
Cobalt	75 - 125	640 D	14 D	564	112	
Copper	75 - 125	310	64	282	86	
Lead	75 - 125	88	68	22.5	90	
Nickel	75 - 125	660 D	26 D	564	112	
Selenium	75 - 125	120	0.65 J	112.5	106	
Silver	75 - 125	42	0.38	57.0	73	*
Thallium	75 - 125	55	0.11 J	57.0	97	
Vanadium	75 - 125	690 D	76 D	564	109	
Zinc	75 - 125	730	230	564	88	

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51495

MA No. : SDG No.: MYD4Q9

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 98.6

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	23		1.1		21.3	102	
Arsenic		100		89		8.7	166	
Barium	75 - 125	530	D	110	D	420	97	
Beryllium	75 - 125	12		0.54		10.8	104	
Cadmium	75 - 125	12		0.88		10.8	102	
Chromium	75 - 125	67		17		42.9	117	
Cobalt	75 - 125	130	D	14	D	107.1	108	
Copper	75 - 125	130		64		53.7	117	
Lead		69		68		4.2	28	
Nickel	75 - 125	130	D	26	D	107.1	99	
Selenium	75 - 125	24		0.65	J	21.3	107	
Silver	75 - 125	12		0.38		10.8	104	
Thallium	75 - 125	9.6		0.11	J	10.8	89	
Vanadium	75 - 125	190	D	76	D	107.1	102	
Zinc	75 - 125	370		230		107.1	128	*