

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51495

MA No. : SDG No.: MYD5W7

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 97.3

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	0.95	114	97	
Arsenic	75 - 125	95	54	45.0	92	
Barium	75 - 125	2500 D	150 D	2250	102	
Beryllium	75 - 125	51	0.62	57.0	89	
Cadmium	75 - 125	56	0.57	57.0	98	
Chromium	75 - 125	230	20	226.5	94	
Cobalt	75 - 125	640 D	16 D	567	109	
Copper	75 - 125	310	59	283.5	89	
Lead	75 - 125	59	38	22.5	92	
Nickel	75 - 125	660 D	18 D	567	114	
Selenium	75 - 125	110	0.79 J	114	95	
Silver	75 - 125	53	0.28 J	57.0	93	
Thallium	75 - 125	53	0.12 J	57.0	92	
Vanadium	75 - 125	700 D	93 D	567	107	
Zinc	75 - 125	680	140	567	95	

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51495MA No. : SDG No.: MYD5W7Matrix : SoilAnalytical Method: ICP-MS% Solids: 97.3Concentration 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	24		0.95		22.2	102	
Arsenic		64		54		9.0	118	
Barium	75 - 125	650	D	150	D	450	113	
Beryllium	75 - 125	10		0.62		11.1	85	
Cadmium	75 - 125	11		0.57		11.1	98	
Chromium	75 - 125	66		20		44.4	103	
Cobalt	75 - 125	150	D	16	D	111	117	
Copper	75 - 125	110		59		55.5	97	
Lead		42		38		4.5	88	
Nickel	75 - 125	140	D	18	D	111	111	
Selenium	75 - 125	23		0.79	J	22.2	99	
Silver	75 - 125	12		0.28	J	11.1	101	
Thallium	75 - 125	11		0.12	J	11.1	97	
Vanadium	75 - 125	230	D	93	D	111	127	*
Zinc	75 - 125	240		140		111	96	