

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: _____ SDG No.: MYDB92
 Matrix : Soil Preparation Method: 200.8
 Analytical Method: ICP-MS Preparation Batch: PB164273
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Antimony	2	1.9	93
Arsenic	1	1.0	103
Barium	10	8.9	89
Beryllium	1	1.1	107
Cadmium	1	1.2	118
Chromium	2	2.2	110
Cobalt	1	1.0	102
Copper	2	2.0	101
Lead	1	0.86	86
Nickel	1	1.1	112
Selenium	5	5.1	101
Silver	1	0.91	91
Thallium	1	0.85	85
Vanadium	5	4.9	99
Zinc	5	5.1	101

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 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Antimony	1	0.93	93
Arsenic	0.5	0.55	110
Barium	5	4.4	88
Beryllium	0.5	0.53	106
Cadmium	0.5	0.62	124
Chromium	1	1.1	110
Cobalt	0.5	0.49	98
Copper	1	1.0	100
Lead	0.5	0.44	88
Nickel	0.5	0.55	110
Selenium	2.5	2.5	100
Silver	0.5	0.46	92
Thallium	0.5	0.42	84
Vanadium	2.5	2.4	96
Zinc	2.5	2.7	108

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 Matrix : Soil Preparation Method: 200.8
 Analytical Method: ICP-MS Preparation Batch: PB166079
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Antimony	2	2.1	103
Arsenic	1	1.1	113
Barium	10	9.9	99
Beryllium	1	1.0	102
Cadmium	1	0.92	92
Chromium	2	2.0	99
Cobalt	1	1.1	105
Copper	2	2.1	103
Lead	1	0.98	98
Nickel	1	1.0	100
Selenium	5	5.4	108
Silver	1	1.1	104
Thallium	1	0.96	96
Vanadium	5	5.1	101
Zinc	5	5.0	99

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Analyte	True	Found	%R
Antimony	1	1.0	100
Arsenic	0.5	0.53	106
Barium	5	5.0	100
Beryllium	0.5	0.52	104
Cadmium	0.5	0.39	78
Chromium	1	1.0	100
Cobalt	0.5	0.53	106
Copper	1	1.0	100
Lead	0.5	0.48	96
Nickel	0.5	0.51	102
Selenium	2.5	2.6	104
Silver	0.5	0.53	106
Thallium	0.5	0.48	96
Vanadium	2.5	2.6	104
Zinc	2.5	2.4	96