

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51952 MA No.: _____ SDG No.: A6301
 Matrix : Soil Preparation Method: 200.8
 Analytical Method: ICP-MS Preparation Batch: PB166384
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	20	20	99
Antimony	2	1.9	96
Arsenic	1	1.0	103
Barium	10	9.5	95
Beryllium	1	1.0	100
Cadmium	1	0.97	97
Calcium	500	510	101
Chromium	2	1.9	96
Cobalt	1	1.0	101
Copper	2	2.2	109
Iron	200	210	107
Lead	1	0.94	94
Magnesium	500	460	92
Manganese	1	1.0	103
Nickel	1	0.84	84
Potassium	500	510	102
Selenium	5	5.0	100
Silver	1	0.99	99
Sodium	500	490	99
Thallium	1	0.88	88
Vanadium	5	5.0	100
Zinc	5	5.0	100

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51952 MA No.: _____ SDG No.: A6301
 Matrix : Water Preparation Method: 200.8
 Analytical Method: ICP-MS Preparation Batch: PB166570
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): $\mu\text{g/L}$

Analyte	True	Found	%R
Aluminum	40	40	101
Antimony	4	4.2	105
Arsenic	2	2.1	107
Barium	20	21	104
Beryllium	2	2.1	103
Cadmium	2	2.2	110
Calcium	1000	1000	99
Chromium	4	3.9	96
Cobalt	2	2.2	108
Copper	4	4.6	115
Iron	400	420	104
Lead	2	2.0	102
Magnesium	1000	1000	100
Manganese	2	2.2	112
Nickel	2	2.4	121
Potassium	1000	1000	102
Selenium	10	11	109
Silver	2	2.1	103
Sodium	1000	1100	106
Thallium	2	2.1	103
Vanadium	10	10	105
Zinc	10	11	109