

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51918 MA No.: _____ SDG No.: MJNBZ5
 Matrix : Water Preparation Method: 200.8
 Analytical Method: ICP-MS Preparation Batch: PB165859
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): $\mu\text{g/L}$

Analyte	True	Found	%R
Aluminum	40	38	96
Antimony	4	4.1	102
Arsenic	2	2.3	113
Barium	20	20	100
Beryllium	2	2.1	107
Cadmium	2	2.2	111
Calcium	1000	1100	106
Chromium	4	3.9	98
Cobalt	2	2.1	105
Copper	4	4.3	108
Iron	400	440	109
Lead	2	1.9	97
Magnesium	1000	970	97
Manganese	2	2.1	107
Nickel	2	2.0	98
Potassium	1000	1100	106
Selenium	10	10	103
Molybdenum	10	9.8	98
Silver	2	2.2	108
Sodium	1000	950	95
Thallium	2	1.9	97
Vanadium	10	10	103
Zinc	10	11	107

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51918 MA No.: _____ SDG No.: MJNBZ5
 Matrix : Soil Preparation Method: 200.8
 Analytical Method: ICP-MS Preparation Batch: PB165880
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	20	19	97
Antimony	2	2.0	101
Arsenic	1	1.1	114
Barium	10	9.9	99
Beryllium	1	1.0	103
Cadmium	1	1.1	105
Calcium	500	520	103
Chromium	2	1.8	92
Cobalt	1	1.0	100
Copper	2	2.1	105
Iron	200	210	105
Lead	1	0.95	95
Magnesium	500	460	93
Manganese	1	1.1	104
Nickel	1	0.98	98
Potassium	500	510	101
Selenium	5	5.2	104
Molybdenum	4	4.8	120
Silver	1	1.1	104
Sodium	500	460	91
Thallium	1	0.95	95
Vanadium	5	5.0	100
Zinc	5	5.1	102