

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHHR1
 Matrix : Water Preparation Method: 200.7
 Analytical Method: ICP-AES Preparation Batch: PB165190
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): $\mu\text{g/L}$

Analyte	True	Found	%R
Aluminum	400	420	106
Antimony	120	120	98
Arsenic	20	19	97
Barium	400	460	114
Beryllium	10	11	113
Cadmium	10	11	114
Calcium	10000	12000	116
Chromium	20	25	123
Cobalt	100	110	108
Copper	50	57	113
Iron	200	220	110
Lead	20	19	97
Magnesium	10000	11000	107
Manganese	30	38	128
Nickel	80	94	117
Potassium	10000	11000	105
Selenium	70	69	98
Silver	20	25	124
Sodium	10000	11000	112
Thallium	50	56	112
Vanadium	100	120	120
Zinc	120	140	119

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHHR1
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165192
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	46	114
Antimony	12	12	96
Arsenic	2	1.8	90
Barium	40	45	112
Beryllium	1	1.1	114
Cadmium	1	1.1	111
Calcium	1000	1100	114
Chromium	2	2.4	121
Cobalt	10	11	107
Copper	5	5.5	110
Iron	20	21	104
Lead	2	1.8	92
Magnesium	1000	1100	106
Manganese	3	3.8	125
Nickel	8	9.2	115
Potassium	1000	1000	103
Selenium	7	7.1	101
Silver	2	2.4	122
Sodium	1000	1100	110
Thallium	5	5.2	104
Vanadium	10	12	117
Zinc	12	14	117