

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHJ97
 Matrix : Water Preparation Method: 200.7
 Analytical Method: ICP-AES Preparation Batch: PB165289
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): $\mu\text{g/L}$

Analyte	True	Found	%R
Aluminum	400	430	108
Antimony	120	120	103
Arsenic	20	25	126
Barium	400	440	111
Beryllium	10	12	122
Cadmium	10	11	106
Calcium	10000	11000	113
Chromium	20	25	126
Cobalt	100	110	106
Copper	50	55	111
Iron	200	250	126
Lead	20	21	106
Magnesium	10000	11000	109
Manganese	30	37	122
Nickel	80	90	113
Potassium	10000	11000	106
Selenium	70	66	94
Silver	20	20	101
Sodium	10000	11000	111
Thallium	50	53	105
Vanadium	100	110	114
Zinc	120	130	111

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHJ97
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165291
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	38	96
Antimony	12	10	87
Arsenic	2	2.0	100
Barium	40	39	97
Beryllium	1	1.0	103
Cadmium	1	0.92	92
Calcium	1000	1000	100
Chromium	2	2.1	106
Cobalt	10	9.9	99
Copper	5	5.6	112
Iron	20	21	103
Lead	2	1.6	78
Magnesium	1000	1000	99
Manganese	3	3.1	102
Nickel	8	7.7	97
Potassium	1000	850	85
Selenium	7	5.5	79
Silver	2	1.9	94
Sodium	1000	900	90
Thallium	5	4.7	95
Vanadium	10	11	107
Zinc	12	12	99