

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51716 MA No.: _____ SDG No.: MC0PI1
 Matrix : Water Preparation Method: 200.7
 Analytical Method: ICP-AES Preparation Batch: PB164537
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): $\mu\text{g/L}$

Analyte	True	Found	%R
Aluminum	400	400	100
Antimony	120	110	93
Arsenic	20	20	102
Barium	400	430	108
Beryllium	10	11	110
Cadmium	10	11	109
Calcium	10000	11000	112
Chromium	20	22	109
Cobalt	100	100	104
Copper	50	50	99
Iron	200	220	112
Lead	20	20	98
Magnesium	10000	11000	105
Manganese	30	33	108
Nickel	80	87	108
Potassium	10000	10000	101
Selenium	70	65	92
Silver	20	23	116
Sodium	10000	11000	106
Thallium	50	55	109
Vanadium	100	120	118
Zinc	120	110	94

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51716 MA No.: _____ SDG No.: MC0PI1
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164800
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	40	100
Antimony	12	10	87
Arsenic	2	1.7	83
Barium	40	43	106
Beryllium	1	1.1	106
Cadmium	1	1.0	104
Calcium	1000	1100	109
Chromium	2	2.1	107
Cobalt	10	10	100
Copper	5	4.8	96
Iron	20	21	107
Lead	2	1.5	76
Magnesium	1000	1000	102
Manganese	3	3.4	112
Nickel	8	8.5	106
Potassium	1000	1000	100
Selenium	7	5.9	85
Silver	2	2.4	119
Sodium	1000	1000	100
Thallium	5	5.3	107
Vanadium	10	11	107
Zinc	12	11	88