

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51882 MA No.: SDG No.: MX1007

Matrix : Soil Preparation Method: 3050B

Analytical Method: ICP-AES Preparation Batch: PB165239

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	12	99
Arsenic	2	2.5	127
Barium	40	45	112
Beryllium	1	1.2	115
Cadmium	1	1.1	113
Calcium	1000	1200	115
Chromium	2	2.4	121
Cobalt	10	11	107
Copper	5	5.5	109
Iron	20	22	111
Lead	2	1.8	92
Magnesium	1000	1100	107
Manganese	3	3.8	127
Nickel	8	9.3	116
Potassium	1000	1000	100
Selenium	7	6.8	97
Silver	2	2.5	123
Sodium	1000	1100	112
Thallium	5	5.3	105
Vanadium	10	12	119
Zinc	12	14	118

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51882 MA No.: _____ SDG No.: MX1007
 Matrix : Water Preparation Method: 200.7
 Analytical Method: ICP-AES Preparation Batch: PB165240
 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	94
Arsenic	20	18	92
Barium	400	440	110
Beryllium	10	12	115
Cadmium	10	11	109
Calcium	10000	11000	113
Chromium	20	23	115
Cobalt	100	100	104
Copper	50	53	106
Iron	200	210	107
Lead	20	18	90
Magnesium	10000	11000	106
Manganese	30	37	123
Nickel	80	89	112
Potassium	10000	9900	99
Selenium	70	69	99
Silver	20	23	116
Sodium	10000	11000	107
Thallium	50	56	111
Vanadium	100	120	116
Zinc	120	140	117