

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHK12
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165325
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	42	104
Antimony	12	12	102
Arsenic	2	2.4	122
Barium	40	44	111
Beryllium	1	1.2	117
Cadmium	1	1.1	109
Calcium	1000	1200	116
Chromium	2	2.4	120
Cobalt	10	11	107
Copper	5	5.6	111
Iron	20	23	113
Lead	2	2.0	100
Magnesium	1000	1100	108
Manganese	3	3.7	124
Nickel	8	9.1	114
Potassium	1000	1000	104
Selenium	7	6.6	94
Silver	2	2.1	107
Sodium	1000	1100	109
Thallium	5	5.6	112
Vanadium	10	12	117
Zinc	12	15	121

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHK12
 Matrix : Water Preparation Method: 200.7
 Analytical Method: ICP-AES Preparation Batch: PB165669
 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	110	93
Arsenic	20	15	76
Barium	400	390	96
Beryllium	10	9.6	95
Cadmium	10	9.8	98
Calcium	10000	9500	95
Chromium	20	20	99
Cobalt	100	100	103
Copper	50	51	102
Iron	200	180	89
Lead	20	19	96
Magnesium	10000	9700	97
Manganese	30	32	105
Nickel	80	78	97
Potassium	10000	7900	79
Selenium	70	66	94
Silver	20	18	88
Sodium	10000	7700	77
Thallium	50	49	98
Vanadium	100	110	107
Zinc	120	120	104