

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHLP0
 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

LABORATORY CONTROL SAMPLE

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

Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHLP0

Matrix : Soil Preparation Method: 3050B

Analytical Method: ICP-AES Preparation Batch: PB165741

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	37	92
Antimony	12	11	89
Arsenic	2	2.3	116
Barium	40	40	100
Beryllium	1	1.1	105
Cadmium	1	0.97	97
Calcium	1000	1000	101
Chromium	2	2.1	105
Cobalt	10	10	100
Copper	5	5.0	99
Iron	20	19	93
Lead	2	1.6	78
Magnesium	1000	1000	103
Manganese	3	3.6	120
Nickel	8	7.7	96
Potassium	1000	930	93
Selenium	7	6.0	85
Silver	2	2.0	101
Sodium	1000	740	74
Thallium	5	4.7	93
Vanadium	10	9.4	94
Zinc	12	12	96