

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHMT4
 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.: MBHMT4
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165883
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	41	102
Antimony	12	11	92
Arsenic	2	2.4	122
Barium	40	40	101
Beryllium	1	0.99	99
Cadmium	1	0.88	88
Calcium	1000	1000	101
Chromium	2	2.2	110
Cobalt	10	9.5	95
Copper	5	5.7	115
Iron	20	18	87
Lead	2	1.8	88
Magnesium	1000	1000	101
Manganese	3	3.3	111
Nickel	8	7.3	91
Potassium	1000	940	94
Selenium	7	6.4	91
Silver	2	1.9	93
Sodium	1000	1200	115
Thallium	5	5.0	101
Vanadium	10	11	105
Zinc	12	12	99