

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHL70
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165494
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	41	103
Antimony	12	11	91
Arsenic	2	1.8	90
Barium	40	41	103
Beryllium	1	1.1	105
Cadmium	1	0.96	96
Calcium	1000	1000	101
Chromium	2	2.1	104
Cobalt	10	10	102
Copper	5	5.2	104
Iron	20	23	117
Lead	2	2.0	99
Magnesium	1000	1100	105
Manganese	3	3.3	111
Nickel	8	7.7	97
Potassium	1000	980	98
Selenium	7	6.6	94
Silver	2	1.9	94
Sodium	1000	1100	107
Thallium	5	5.1	102
Vanadium	10	11	110
Zinc	12	12	100

LABORATORY CONTROL SAMPLE

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

Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHL70

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