

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHHE1
 Matrix : Water Preparation Method: 200.7
 Analytical Method: ICP-AES Preparation Batch: PB165068
 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	101
Antimony	120	110	93
Arsenic	20	15	77
Barium	400	420	105
Beryllium	10	11	105
Cadmium	10	10	102
Calcium	10000	11000	108
Chromium	20	22	109
Cobalt	100	100	100
Copper	50	52	104
Iron	200	220	110
Lead	20	20	100
Magnesium	10000	10000	103
Manganese	30	34	114
Nickel	80	86	108
Potassium	10000	9400	94
Selenium	70	73	105
Silver	20	16	80
Sodium	10000	11000	105
Thallium	50	54	108
Vanadium	100	110	108
Zinc	120	130	105

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHHE1
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165102
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	38	96
Antimony	12	11	89
Arsenic	2	1.5	77
Barium	40	42	105
Beryllium	1	1.0	104
Cadmium	1	1.0	102
Calcium	1000	1100	107
Chromium	2	2.2	109
Cobalt	10	9.9	99
Copper	5	4.9	98
Iron	20	23	115
Lead	2	2.4	119
Magnesium	1000	1000	100
Manganese	3	3.4	115
Nickel	8	8.4	105
Potassium	1000	1000	100
Selenium	7	6.3	90
Silver	2	2.0	98
Sodium	1000	960	96
Thallium	5	5.1	102
Vanadium	10	10	104
Zinc	12	13	111