

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51973 MA No.: _____ SDG No.: MC0AZ0
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB166229
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	36	89
Antimony	12	11	91
Arsenic	2	1.8	90
Barium	40	36	91
Beryllium	1	1.0	104
Cadmium	1	1.0	101
Calcium	1000	970	96
Chromium	2	2.2	108
Cobalt	10	9.9	99
Copper	5	5.3	105
Iron	20	20	102
Lead	2	2.0	100
Magnesium	1000	860	86
Manganese	3	3.0	98
Nickel	8	8.1	101
Potassium	1000	900	90
Selenium	7	6.2	88
Silver	2	1.9	95
Sodium	1000	970	96
Thallium	5	5.2	104
Vanadium	10	10	105
Zinc	12	11	95

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51973 MA No.: _____ SDG No.: MC0AZ0
 Matrix : Water Preparation Method: 200.7
 Analytical Method: ICP-AES Preparation Batch: PB166568
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): $\mu\text{g/L}$

Analyte	True	Found	%R
Aluminum	400	420	106
Antimony	120	110	91
Arsenic	20	24	120
Barium	400	420	104
Beryllium	10	11	108
Cadmium	10	9.5	95
Calcium	10000	11000	106
Chromium	20	21	104
Cobalt	100	100	103
Copper	50	53	106
Iron	200	230	114
Lead	20	18	92
Magnesium	10000	10000	103
Manganese	30	33	110
Nickel	80	78	98
Potassium	10000	11000	105
Selenium	70	63	91
Silver	20	21	102
Sodium	10000	10000	103
Thallium	50	52	104
Vanadium	100	110	114
Zinc	120	120	98