

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51979 MA No.: _____ SDG No.: MBHHA3
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB166600
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	38	95
Antimony	12	11	93
Arsenic	2	2.0	101
Barium	40	40	101
Beryllium	1	1.1	107
Cadmium	1	0.95	95
Calcium	1000	1000	104
Chromium	2	2.1	104
Cobalt	10	10	101
Copper	5	4.8	96
Iron	20	20	99
Lead	2	1.7	85
Magnesium	1000	1000	101
Manganese	3	3.2	108
Nickel	8	7.6	95
Potassium	1000	1000	101
Selenium	7	6.2	88
Silver	2	2.1	103
Sodium	1000	980	98
Thallium	5	5.3	107
Vanadium	10	11	110
Zinc	12	11	92

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51979 MA No.: _____ SDG No.: MBHHA3
 Matrix : Water Preparation Method: 200.7
 Analytical Method: ICP-AES Preparation Batch: PB166670
 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	107
Antimony	120	120	96
Arsenic	20	25	124
Barium	400	410	103
Beryllium	10	11	107
Cadmium	10	9.4	94
Calcium	10000	11000	105
Chromium	20	21	107
Cobalt	100	100	101
Copper	50	52	104
Iron	200	220	108
Lead	20	16	79
Magnesium	10000	10000	101
Manganese	30	32	108
Nickel	80	77	96
Potassium	10000	11000	107
Selenium	70	68	98
Silver	20	21	105
Sodium	10000	11000	107
Thallium	50	53	106
Vanadium	100	100	104
Zinc	120	120	96