

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHN18
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165566
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	35	87
Antimony	12	10	84
Arsenic	2	1.6	78
Barium	40	35	87
Beryllium	1	1.0	101
Cadmium	1	0.86	86
Calcium	1000	860	86
Chromium	2	1.9	97
Cobalt	10	8.8	88
Copper	5	5.4	109
Iron	20	17	85
Lead	2	1.8	88
Magnesium	1000	830	83
Manganese	3	2.7	89
Nickel	8	7.1	89
Potassium	1000	780	78
Selenium	7	6.0	85
Silver	2	1.7	85
Sodium	1000	900	90
Thallium	5	4.4	87
Vanadium	10	10	101
Zinc	12	13	105

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHN18
 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