

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: _____ SDG No.: MYCZB9
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165636
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	43	107
Antimony	12	10	85
Arsenic	2	2.0	97
Barium	40	42	105
Beryllium	1	1.1	107
Cadmium	1	1.0	100
Calcium	1000	1000	103
Chromium	2	2.1	104
Cobalt	10	10	100
Copper	5	5.2	105
Iron	20	20	101
Lead	2	1.7	84
Magnesium	1000	1100	106
Manganese	3	3.3	111
Nickel	8	7.8	98
Potassium	1000	930	92
Selenium	7	6.2	89
Silver	2	2.0	101
Sodium	1000	1200	123
Thallium	5	5.4	108
Vanadium	10	11	110
Zinc	12	11	91

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: _____ SDG No.: MYCZB9
 Matrix : Soil Preparation Method: _____
 Analytical Method: ICP-AES Preparation Batch: PB165636
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	20	20	100
Antimony	6	4.8	80
Arsenic	1	1.4	140
Barium	20	21	105
Beryllium	0.5	0.53	106
Cadmium	0.5	0.48	96
Calcium	500	500	100
Chromium	1	0.97	97
Cobalt	5	4.9	98
Copper	2.5	2.3	92
Iron	10	9.9	99
Lead	1	0.58	58
Magnesium	500	530	106
Manganese	1.5	1.5	100
Nickel	4	3.8	95
Potassium	500	410	82
Selenium	3.5	3.2	91
Silver	1	0.98	98
Sodium	500	720	144
Thallium	2.5	2.7	108
Vanadium	5	5.0	100
Zinc	6	4.9	82