

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: _____ SDG No.: MYDB92
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164272
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	42	105
Antimony	12	11	91
Arsenic	2	2.4	120
Barium	40	44	109
Beryllium	1	1.1	114
Cadmium	1	1.0	102
Calcium	1000	1100	112
Chromium	2	2.3	115
Cobalt	10	10	101
Copper	5	5.0	101
Iron	20	24	120
Lead	2	2.1	105
Magnesium	1000	1000	102
Manganese	3	3.2	108
Nickel	8	8.5	106
Potassium	1000	1000	103
Selenium	7	5.9	84
Silver	2	2.2	109
Sodium	1000	1000	103
Thallium	5	5.3	105
Vanadium	10	11	112
Zinc	12	11	94

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: _____ SDG No.: MYDB92
 Matrix : Soil Preparation Method: _____
 Analytical Method: ICP-AES Preparation Batch: PB164272
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	20	24	120
Antimony	6	5.3	88
Arsenic	1	1.2	120
Barium	20	21	105
Beryllium	0.5	0.56	112
Cadmium	0.5	0.49	98
Calcium	500	540	108
Chromium	1	1.1	110
Cobalt	5	4.9	98
Copper	2.5	2.3	92
Iron	10	11	110
Lead	1	1.0	100
Magnesium	500	490	98
Manganese	1.5	1.6	107
Nickel	4	4.2	105
Potassium	500	510	102
Selenium	3.5	2.6	74
Silver	1	1.1	110
Sodium	500	520	104
Thallium	2.5	2.7	108
Vanadium	5	4.8	96
Zinc	6	5.8	97

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: _____ SDG No.: MYDB92
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB166078
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	48	119
Antimony	12	10	87
Arsenic	2	1.7	84
Barium	40	40	101
Beryllium	1	0.99	98
Cadmium	1	0.86	86
Calcium	1000	970	97
Chromium	2	2.1	107
Cobalt	10	9.3	93
Copper	5	5.7	113
Iron	20	18	92
Lead	2	2.2	109
Magnesium	1000	980	98
Manganese	3	3.3	108
Nickel	8	7.0	87
Potassium	1000	910	91
Selenium	7	7.0	100
Silver	2	2.0	98
Sodium	1000	1200	117
Thallium	5	5.0	99
Vanadium	10	11	106
Zinc	12	12	97

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: _____ SDG No.: MYDB92
 Matrix : Soil Preparation Method: _____
 Analytical Method: ICP-AES Preparation Batch: PB166078
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	20	24	120
Antimony	6	5.1	85
Arsenic	1	0.53	53
Barium	20	21	105
Beryllium	0.5	0.49	98
Cadmium	0.5	0.42	84
Calcium	500	510	102
Chromium	1	1.1	110
Cobalt	5	4.7	94
Copper	2.5	2.8	112
Iron	10	11	110
Lead	1	1.2	120
Magnesium	500	500	100
Manganese	1.5	1.9	127
Nickel	4	3.5	88
Potassium	500	490	98
Selenium	3.5	3.8	109
Silver	1	0.91	91
Sodium	500	610	122
Thallium	2.5	2.9	116
Vanadium	5	5.5	110
Zinc	6	5.9	98