

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: _____ SDG No.: MYCZ69
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165577
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	41	102
Antimony	12	9.4	79
Arsenic	2	2.2	110
Barium	40	40	101
Beryllium	1	1.0	102
Cadmium	1	0.95	95
Calcium	1000	1000	100
Chromium	2	2.0	98
Cobalt	10	9.3	92
Copper	5	5.1	103
Iron	20	21	105
Lead	2	1.9	93
Magnesium	1000	1000	102
Manganese	3	3.0	101
Nickel	8	7.5	93
Potassium	1000	890	89
Selenium	7	5.8	82
Silver	2	1.9	96
Sodium	1000	1300	125
Thallium	5	5.0	100
Vanadium	10	10	101
Zinc	12	11	90

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Analyte	True	Found	%R
Aluminum	20	19	95
Antimony	6	4.7	78
Arsenic	1	1.0	100
Barium	20	20	100
Beryllium	0.5	0.51	102
Cadmium	0.5	0.47	94
Calcium	500	490	98
Chromium	1	0.93	93
Cobalt	5	4.7	94
Copper	2.5	2.4	96
Iron	10	8.9	89
Lead	1	0.92	92
Magnesium	500	520	104
Manganese	1.5	1.6	107
Nickel	4	3.7	93
Potassium	500	390	78
Selenium	3.5	3.0	86
Silver	1	0.94	94
Sodium	500	700	140
Thallium	2.5	2.6	104
Vanadium	5	4.9	98
Zinc	6	5.4	90