

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: _____ SDG No.: MYCZK9
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165691
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	40	99
Antimony	12	10	87
Arsenic	2	2.4	122
Barium	40	41	102
Beryllium	1	1.1	105
Cadmium	1	0.99	99
Calcium	1000	1000	100
Chromium	2	2.0	99
Cobalt	10	10	100
Copper	5	5.2	103
Iron	20	20	101
Lead	2	1.9	94
Magnesium	1000	1000	103
Manganese	3	3.1	103
Nickel	8	7.7	97
Potassium	1000	900	90
Selenium	7	5.8	83
Silver	2	1.9	95
Sodium	1000	1100	106
Thallium	5	5.2	104
Vanadium	10	9.6	96
Zinc	12	11	93

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 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	20	17	85
Antimony	6	5.1	85
Arsenic	1	1.4	140
Barium	20	21	105
Beryllium	0.5	0.54	108
Cadmium	0.5	0.5	100
Calcium	500	520	104
Chromium	1	0.96	96
Cobalt	5	5.1	102
Copper	2.5	2.5	100
Iron	10	11	110
Lead	1	0.79	79
Magnesium	500	530	106
Manganese	1.5	1.4	93
Nickel	4	3.9	98
Potassium	500	450	90
Selenium	3.5	2.8	80
Silver	1	1.0	100
Sodium	500	570	114
Thallium	2.5	2.6	104
Vanadium	5	4.9	98
Zinc	6	5.2	87