

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE4K0
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164457
 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	12	97
Arsenic	2	1.6	82
Barium	40	45	111
Beryllium	1	1.2	120
Cadmium	1	1.1	112
Calcium	1000	1100	112
Chromium	2	2.2	110
Cobalt	10	11	106
Copper	5	5.0	101
Iron	20	22	111
Lead	2	2.0	100
Magnesium	1000	1100	111
Manganese	3	3.4	113
Nickel	8	8.9	111
Potassium	1000	1000	103
Selenium	7	7.1	102
Silver	2	1.9	93
Sodium	1000	1100	107
Thallium	5	5.5	110
Vanadium	10	12	121
Zinc	12	12	98

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Analyte	True	Found	%R
Aluminum	20	19	95
Antimony	6	5.8	97
Arsenic	1	0.71	71
Barium	20	22	110
Beryllium	0.5	0.59	118
Cadmium	0.5	0.56	112
Calcium	500	550	110
Chromium	1	0.98	98
Cobalt	5	5.3	106
Copper	2.5	2.6	104
Iron	10	8.7	87
Lead	1	1.2	120
Magnesium	500	530	106
Manganese	1.5	1.7	113
Nickel	4	4.4	110
Potassium	500	520	104
Selenium	3.5	3.1	89
Silver	1	0.72	72
Sodium	500	530	106
Thallium	2.5	3.0	120
Vanadium	5	6.4	128
Zinc	6	6.0	100