

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE4D0
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164441
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	41	104
Antimony	12	12	96
Arsenic	2	1.7	83
Barium	40	45	112
Beryllium	1	1.2	115
Cadmium	1	1.1	112
Calcium	1000	1200	116
Chromium	2	2.4	119
Cobalt	10	11	107
Copper	5	4.8	96
Iron	20	24	122
Lead	2	2.1	106
Magnesium	1000	1200	115
Manganese	3	3.6	120
Nickel	8	9.0	112
Potassium	1000	1100	105
Selenium	7	6.4	91
Silver	2	2.6	130
Sodium	1000	1100	113
Thallium	5	5.8	116
Vanadium	10	11	111
Zinc	12	11	94

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Analyte	True	Found	%R
Aluminum	20	19	95
Antimony	6	5.6	93
Arsenic	1	1.1	110
Barium	20	22	110
Beryllium	0.5	0.58	116
Cadmium	0.5	0.53	106
Calcium	500	570	114
Chromium	1	1.2	120
Cobalt	5	5.1	102
Copper	2.5	2.1	84
Iron	10	9.7	97
Lead	1	1.2	120
Magnesium	500	570	114
Manganese	1.5	1.5	100
Nickel	4	4.3	108
Potassium	500	510	102
Selenium	3.5	3.1	89
Silver	1	1.3	130
Sodium	500	530	106
Thallium	2.5	2.8	112
Vanadium	5	5.8	116
Zinc	6	5.7	95