

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE5G1
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164451
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	42	104
Antimony	12	12	97
Arsenic	2	2.5	127
Barium	40	45	113
Beryllium	1	1.2	115
Cadmium	1	1.2	115
Calcium	1000	1200	118
Chromium	2	2.3	113
Cobalt	10	11	109
Copper	5	5.0	100
Iron	20	22	109
Lead	2	2.2	108
Magnesium	1000	1100	109
Manganese	3	3.6	119
Nickel	8	9.0	112
Potassium	1000	1100	105
Selenium	7	6.7	96
Silver	2	2.4	119
Sodium	1000	1200	117
Thallium	5	5.5	110
Vanadium	10	12	119
Zinc	12	12	100

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Analyte	True	Found	%R
Aluminum	20	22	110
Antimony	6	6.1	102
Arsenic	1	1.5	150
Barium	20	24	120
Beryllium	0.5	0.6	120
Cadmium	0.5	0.6	120
Calcium	500	620	124
Chromium	1	1.1	110
Cobalt	5	5.7	114
Copper	2.5	2.4	96
Iron	10	14	140
Lead	1	0.89	89
Magnesium	500	570	114
Manganese	1.5	1.6	107
Nickel	4	4.8	120
Potassium	500	560	112
Selenium	3.5	3.5	100
Silver	1	1.3	130
Sodium	500	610	122
Thallium	2.5	2.9	116
Vanadium	5	7.0	140
Zinc	6	6.3	105