

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE470
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164350
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	44	109
Antimony	12	11	93
Arsenic	2	1.6	79
Barium	40	43	107
Beryllium	1	1.2	116
Cadmium	1	1.1	111
Calcium	1000	1100	111
Chromium	2	2.3	113
Cobalt	10	11	106
Copper	5	4.9	98
Iron	20	22	110
Lead	2	2.4	121
Magnesium	1000	1100	109
Manganese	3	3.5	115
Nickel	8	8.8	110
Potassium	1000	990	99
Selenium	7	6.4	92
Silver	2	2.5	125
Sodium	1000	1000	102
Thallium	5	5.3	107
Vanadium	10	12	123
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	21	105
Antimony	6	5.6	93
Arsenic	1	0.56	56
Barium	20	22	110
Beryllium	0.5	0.61	122
Cadmium	0.5	0.57	114
Calcium	500	580	116
Chromium	1	1.1	110
Cobalt	5	5.4	108
Copper	2.5	2.9	116
Iron	10	11	110
Lead	1	1.4	140
Magnesium	500	590	118
Manganese	1.5	1.6	107
Nickel	4	4.6	115
Potassium	500	500	100
Selenium	3.5	3.8	109
Silver	1	1.4	140
Sodium	500	500	100
Thallium	2.5	2.8	112
Vanadium	5	5.9	118
Zinc	6	5.8	97