

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE4H7
 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	38	94
Antimony	12	11	94
Arsenic	2	1.6	81
Barium	40	43	107
Beryllium	1	1.1	112
Cadmium	1	1.1	105
Calcium	1000	1100	106
Chromium	2	2.1	106
Cobalt	10	10	102
Copper	5	5.0	101
Iron	20	19	95
Lead	2	2.0	98
Magnesium	1000	1000	104
Manganese	3	3.2	107
Nickel	8	8.5	106
Potassium	1000	990	99
Selenium	7	6.6	95
Silver	2	1.8	88
Sodium	1000	1000	102
Thallium	5	5.5	110
Vanadium	10	11	109
Zinc	12	11	94

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Analyte	True	Found	%R
Aluminum	20	23	115
Antimony	6	5.6	93
Arsenic	1	0.81	81
Barium	20	22	110
Beryllium	0.5	0.58	116
Cadmium	0.5	0.54	108
Calcium	500	550	110
Chromium	1	1.0	100
Cobalt	5	5.2	104
Copper	2.5	2.2	88
Iron	10	6.3	63
Lead	1	0.87	87
Magnesium	500	550	110
Manganese	1.5	1.8	120
Nickel	4	4.4	110
Potassium	500	510	102
Selenium	3.5	3.4	97
Silver	1	0.77	77
Sodium	500	540	108
Thallium	2.5	2.8	112
Vanadium	5	5.9	118
Zinc	6	5.8	97