

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE4T2

Matrix : Soil Preparation Method: 3050B

Analytical Method: ICP-AES Preparation Batch: PB164595

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	40	101
Antimony	12	12	99
Arsenic	2	1.7	86
Barium	40	45	113
Beryllium	1	1.1	114
Cadmium	1	1.1	113
Calcium	1000	1100	114
Chromium	2	2.2	110
Cobalt	10	11	106
Copper	5	5.4	108
Iron	20	24	118
Lead	2	1.8	87
Magnesium	1000	1100	108
Manganese	3	3.4	113
Nickel	8	9.0	112
Potassium	1000	1000	104
Selenium	7	6.6	94
Silver	2	2.3	114
Sodium	1000	1100	108
Thallium	5	6.0	120
Vanadium	10	12	119
Zinc	12	12	98

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Analyte	True	Found	%R
Aluminum	20	19	95
Antimony	6	6.1	102
Arsenic	1	0.47	47
Barium	20	23	115
Beryllium	0.5	0.56	112
Cadmium	0.5	0.57	114
Calcium	500	560	112
Chromium	1	1.0	100
Cobalt	5	5.3	106
Copper	2.5	2.6	104
Iron	10	12	120
Lead	1	0.92	92
Magnesium	500	530	106
Manganese	1.5	1.6	107
Nickel	4	4.5	113
Potassium	500	510	102
Selenium	3.5	3.5	100
Silver	1	1.1	110
Sodium	500	530	106
Thallium	2.5	2.7	108
Vanadium	5	6.9	138
Zinc	6	5.9	98