

LABORATORY CONTROL SAMPLE

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

Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE4B0

Matrix : Soil Preparation Method: 3050B

Analytical Method: ICP-AES Preparation Batch: PB164431

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

Analyte	True	Found	%R
Aluminum	40	39	97
Antimony	12	11	95
Arsenic	2	2.2	108
Barium	40	43	108
Beryllium	1	1.2	118
Cadmium	1	1.1	109
Calcium	1000	1100	110
Chromium	2	2.2	111
Cobalt	10	10	104
Copper	5	5.1	103
Iron	20	22	110
Lead	2	2.3	112
Magnesium	1000	1100	109
Manganese	3	3.4	114
Nickel	8	8.7	109
Potassium	1000	1000	101
Selenium	7	6.7	96
Silver	2	1.8	90
Sodium	1000	1000	104
Thallium	5	5.5	110
Vanadium	10	11	108
Zinc	12	12	98

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Analyte	True	Found	%R
Aluminum	20	20	100
Antimony	6	6.2	103
Arsenic	1	0.46	37
Barium	20	22	110
Beryllium	0.5	0.61	122
Cadmium	0.5	0.55	110
Calcium	500	570	114
Chromium	1	1.1	110
Cobalt	5	5.3	106
Copper	2.5	2.4	96
Iron	10	8.1	81
Lead	1	0.95	95
Magnesium	500	560	112
Manganese	1.5	1.8	120
Nickel	4	4.4	110
Potassium	500	520	104
Selenium	3.5	3.6	103
Silver	1	0.72	72
Sodium	500	510	102
Thallium	2.5	2.7	108
Vanadium	5	5.8	116
Zinc	6	6.7	112