

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE5J2
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164697
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	45	112
Antimony	12	11	89
Arsenic	2	1.7	83
Barium	40	43	107
Beryllium	1	1.1	111
Cadmium	1	1.1	106
Calcium	1000	1100	110
Chromium	2	2.2	108
Cobalt	10	10	102
Copper	5	5.0	100
Iron	20	21	104
Lead	2	2.1	106
Magnesium	1000	1100	105
Manganese	3	3.4	114
Nickel	8	8.5	107
Potassium	1000	1000	101
Selenium	7	6.3	90
Silver	2	2.3	113
Sodium	1000	1000	103
Thallium	5	5.5	110
Vanadium	10	11	112
Zinc	12	11	90

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Analyte	True	Found	%R
Aluminum	20	20	100
Antimony	6	4.9	82
Arsenic	1	0.57	57
Barium	20	21	105
Beryllium	0.5	0.51	102
Cadmium	0.5	0.51	102
Calcium	500	530	106
Chromium	1	0.99	99
Cobalt	5	4.9	98
Copper	2.5	2.2	88
Iron	10	11	110
Lead	1	1.1	110
Magnesium	500	500	100
Manganese	1.5	1.7	113
Nickel	4	4.1	103
Potassium	500	470	94
Selenium	3.5	2.7	77
Silver	1	1.2	120
Sodium	500	500	100
Thallium	2.5	2.7	108
Vanadium	5	5.1	102
Zinc	6	5.1	85