

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE531
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164633
 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	2.4	120
Barium	40	43	108
Beryllium	1	1.1	110
Cadmium	1	1.1	107
Calcium	1000	1100	111
Chromium	2	2.4	118
Cobalt	10	10	103
Copper	5	5.2	104
Iron	20	21	104
Lead	2	1.8	92
Magnesium	1000	1100	109
Manganese	3	3.5	117
Nickel	8	8.5	107
Potassium	1000	1000	101
Selenium	7	6.1	87
Silver	2	2.3	117
Sodium	1000	1000	100
Thallium	5	4.9	97
Vanadium	10	12	122
Zinc	12	12	101

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Analyte	True	Found	%R
Aluminum	20	21	105
Antimony	6	5.8	97
Arsenic	1	1.4	140
Barium	20	21	105
Beryllium	0.5	0.54	108
Cadmium	0.5	0.52	104
Calcium	500	550	110
Chromium	1	1.2	120
Cobalt	5	5.0	100
Copper	2.5	2.7	108
Iron	10	6.6	66
Lead	1	0.94	94
Magnesium	500	550	110
Manganese	1.5	1.8	120
Nickel	4	4.3	108
Potassium	500	490	98
Selenium	3.5	3.5	100
Silver	1	1.1	110
Sodium	500	490	98
Thallium	2.5	2.5	100
Vanadium	5	5.0	100
Zinc	6	6.3	105