

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE4L4
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164570
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	40	99
Antimony	12	11	92
Arsenic	2	2.2	108
Barium	40	43	107
Beryllium	1	1.1	109
Cadmium	1	1.1	107
Calcium	1000	1100	110
Chromium	2	2.2	107
Cobalt	10	10	102
Copper	5	5.1	103
Iron	20	22	109
Lead	2	1.8	92
Magnesium	1000	1100	105
Manganese	3	3.3	109
Nickel	8	8.6	107
Potassium	1000	990	98
Selenium	7	6.7	95
Silver	2	2.2	110
Sodium	1000	1100	108
Thallium	5	5.2	103
Vanadium	10	12	120
Zinc	12	11	92

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Analyte	True	Found	%R
Aluminum	20	20	100
Antimony	6	5.4	90
Arsenic	1	0.88	88
Barium	20	22	110
Beryllium	0.5	0.55	110
Cadmium	0.5	0.53	106
Calcium	500	560	112
Chromium	1	1.0	100
Cobalt	5	5.2	104
Copper	2.5	2.3	92
Iron	10	7.8	78
Lead	1	0.76	76
Magnesium	500	520	104
Manganese	1.5	1.7	113
Nickel	4	4.4	110
Potassium	500	490	98
Selenium	3.5	3.3	94
Silver	1	1.2	120
Sodium	500	560	112
Thallium	2.5	2.5	100
Vanadium	5	5.7	114
Zinc	6	5.6	93