

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE5L0
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164701
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	40	100
Antimony	12	11	90
Arsenic	2	1.7	85
Barium	40	43	107
Beryllium	1	1.1	108
Cadmium	1	1.1	105
Calcium	1000	1100	109
Chromium	2	2.2	111
Cobalt	10	10	102
Copper	5	4.8	97
Iron	20	21	107
Lead	2	2.1	103
Magnesium	1000	1000	103
Manganese	3	3.5	115
Nickel	8	8.6	107
Potassium	1000	1000	101
Selenium	7	6.1	87
Silver	2	2.3	114
Sodium	1000	1000	103
Thallium	5	5.3	107
Vanadium	10	10	103
Zinc	12	11	88

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Analyte	True	Found	%R
Aluminum	20	24	120
Antimony	6	5.0	83
Arsenic	1	1.1	110
Barium	20	21	105
Beryllium	0.5	0.55	110
Cadmium	0.5	0.53	106
Calcium	500	540	108
Chromium	1	1.1	110
Cobalt	5	5.0	100
Copper	2.5	2.4	96
Iron	10	12	120
Lead	1	0.98	98
Magnesium	500	520	104
Manganese	1.5	1.7	113
Nickel	4	4.3	108
Potassium	500	480	96
Selenium	3.5	3.2	91
Silver	1	0.99	99
Sodium	500	520	104
Thallium	2.5	2.8	112
Vanadium	5	5.4	108
Zinc	6	5.3	88