

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: _____ SDG No.: MYCZ39
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165547
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	43	107
Antimony	12	11	91
Arsenic	2	2.0	99
Barium	40	42	104
Beryllium	1	1.1	106
Cadmium	1	0.98	98
Calcium	1000	1000	101
Chromium	2	2.2	109
Cobalt	10	10	103
Copper	5	5.4	108
Iron	20	18	88
Lead	2	2.0	99
Magnesium	1000	1000	104
Manganese	3	3.5	118
Nickel	8	7.8	97
Potassium	1000	1000	100
Selenium	7	6.6	95
Silver	2	2.0	97
Sodium	1000	1200	119
Thallium	5	5.2	103
Vanadium	10	11	106
Zinc	12	12	103

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Analyte	True	Found	%R
Aluminum	20	21	105
Antimony	6	5.5	92
Arsenic	1	0.81	81
Barium	20	21	105
Beryllium	0.5	0.53	106
Cadmium	0.5	0.48	96
Calcium	500	510	102
Chromium	1	1.0	100
Cobalt	5	5.1	102
Copper	2.5	2.9	116
Iron	10	12	120
Lead	1	1.0	100
Magnesium	500	530	106
Manganese	1.5	1.8	120
Nickel	4	3.8	95
Potassium	500	540	108
Selenium	3.5	3.4	97
Silver	1	0.86	86
Sodium	500	680	136
Thallium	2.5	2.6	104
Vanadium	5	5.5	110
Zinc	6	6.2	103