

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE5F3
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164628
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	39	98
Antimony	12	11	95
Arsenic	2	2.1	104
Barium	40	43	106
Beryllium	1	1.1	109
Cadmium	1	1.1	107
Calcium	1000	1100	108
Chromium	2	2.4	118
Cobalt	10	10	101
Copper	5	5.5	110
Iron	20	18	89
Lead	2	2.0	101
Magnesium	1000	1000	104
Manganese	3	3.5	115
Nickel	8	8.5	106
Potassium	1000	1000	102
Selenium	7	6.8	97
Silver	2	2.1	104
Sodium	1000	1000	104
Thallium	5	5.0	101
Vanadium	10	11	106
Zinc	12	12	100

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Analyte	True	Found	%R
Aluminum	20	24	120
Antimony	6	5.7	95
Arsenic	1	0.71	71
Barium	20	21	105
Beryllium	0.5	0.54	108
Cadmium	0.5	0.53	106
Calcium	500	550	110
Chromium	1	1.3	130
Cobalt	5	5.1	102
Copper	2.5	2.8	112
Iron	10	9.7	97
Lead	1	1.0	100
Magnesium	500	540	108
Manganese	1.5	1.7	113
Nickel	4	4.3	108
Potassium	500	520	104
Selenium	3.5	3.5	100
Silver	1	1.0	100
Sodium	500	500	100
Thallium	2.5	2.3	92
Vanadium	5	5.3	106
Zinc	6	6.1	102