

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE5N3
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164715
 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	11	90
Arsenic	2	1.7	84
Barium	40	42	105
Beryllium	1	1.1	110
Cadmium	1	1.1	108
Calcium	1000	1100	110
Chromium	2	2.1	104
Cobalt	10	10	100
Copper	5	4.5	90
Iron	20	21	107
Lead	2	2.0	101
Magnesium	1000	1100	105
Manganese	3	3.1	103
Nickel	8	8.4	105
Potassium	1000	980	98
Selenium	7	6.6	94
Silver	2	2.3	116
Sodium	1000	1100	107
Thallium	5	5.1	101
Vanadium	10	9.2	92
Zinc	12	11	93

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Analyte	True	Found	%R
Aluminum	20	20	100
Antimony	6	5.5	92
Arsenic	1	0.46	-5
Barium	20	21	105
Beryllium	0.5	0.55	110
Cadmium	0.5	0.54	108
Calcium	500	550	110
Chromium	1	0.92	92
Cobalt	5	5.0	100
Copper	2.5	2.0	80
Iron	10	12	120
Lead	1	0.93	93
Magnesium	500	530	106
Manganese	1.5	1.5	100
Nickel	4	4.2	105
Potassium	500	480	96
Selenium	3.5	3.5	100
Silver	1	1.2	120
Sodium	500	540	108
Thallium	2.5	2.5	100
Vanadium	5	5.5	110
Zinc	6	5.6	93