

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: _____ SDG No.: MYCZR9
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165716
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	41	103
Antimony	12	10	87
Arsenic	2	1.9	96
Barium	40	41	102
Beryllium	1	1.1	105
Cadmium	1	0.97	97
Calcium	1000	1000	101
Chromium	2	2.0	101
Cobalt	10	10	101
Copper	5	4.4	87
Iron	20	24	120
Lead	2	1.5	77
Magnesium	1000	1000	104
Manganese	3	3.3	109
Nickel	8	7.6	95
Potassium	1000	970	97
Selenium	7	5.3	76
Silver	2	2.0	101
Sodium	1000	1200	115
Thallium	5	5.6	112
Vanadium	10	11	110
Zinc	12	9.9	83

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 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	20	19	95
Antimony	6	5.7	95
Arsenic	1	0.9	90
Barium	20	21	105
Beryllium	0.5	0.54	108
Cadmium	0.5	0.5	100
Calcium	500	520	104
Chromium	1	0.98	98
Cobalt	5	5.3	106
Copper	2.5	2.5	100
Iron	10	14	140
Lead	1	0.61	61
Magnesium	500	540	108
Manganese	1.5	1.6	107
Nickel	4	3.8	95
Potassium	500	520	104
Selenium	3.5	2.9	83
Silver	1	1.1	110
Sodium	500	700	140
Thallium	2.5	3.0	120
Vanadium	5	5.1	102
Zinc	6	5.7	95