

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: _____ SDG No.: MYCZF9
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165654
 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	10	85
Arsenic	2	2.5	122
Barium	40	42	104
Beryllium	1	1.1	105
Cadmium	1	0.99	99
Calcium	1000	1000	101
Chromium	2	2.1	102
Cobalt	10	10	101
Copper	5	4.7	94
Iron	20	21	102
Lead	2	1.8	90
Magnesium	1000	1100	105
Manganese	3	3.1	104
Nickel	8	7.8	98
Potassium	1000	930	93
Selenium	7	5.7	82
Silver	2	2.0	97
Sodium	1000	1100	112
Thallium	5	5.0	100
Vanadium	10	10	100
Zinc	12	10	87

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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	20	100
Antimony	6	4.9	82
Arsenic	1	1.3	130
Barium	20	21	105
Beryllium	0.5	0.53	106
Cadmium	0.5	0.5	100
Calcium	500	520	104
Chromium	1	0.93	93
Cobalt	5	5.1	102
Copper	2.5	1.6	64
Iron	10	11	110
Lead	1	0.96	96
Magnesium	500	530	106
Manganese	1.5	1.6	107
Nickel	4	4.0	100
Potassium	500	430	86
Selenium	3.5	3.2	91
Silver	1	0.97	97
Sodium	500	580	116
Thallium	2.5	2.8	112
Vanadium	5	4.2	84
Zinc	6	5.1	85