

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No.: _____ SDG No.: MYCZ19

Matrix : Soil Preparation Method: 3050B

Analytical Method: ICP-AES Preparation Batch: PB165529

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

Analyte	True	Found	%R
Aluminum	40	40	99
Antimony	12	11	93
Arsenic	2	2.0	101
Barium	40	42	105
Beryllium	1	1.1	108
Cadmium	1	0.98	98
Calcium	1000	1000	103
Chromium	2	2.1	105
Cobalt	10	10	104
Copper	5	5.8	115
Iron	20	20	100
Lead	2	2.0	98
Magnesium	1000	1100	105
Manganese	3	3.4	114
Nickel	8	7.8	97
Potassium	1000	1000	104
Selenium	7	6.3	90
Silver	2	1.9	97
Sodium	1000	1100	112
Thallium	5	4.8	97
Vanadium	10	11	113
Zinc	12	12	99

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Analyte	True	Found	%R
Aluminum	20	19	95
Antimony	6	5.5	92
Arsenic	1	1.3	130
Barium	20	21	105
Beryllium	0.5	0.53	106
Cadmium	0.5	0.48	96
Calcium	500	520	104
Chromium	1	1.1	110
Cobalt	5	5.2	104
Copper	2.5	2.7	108
Iron	10	9.4	94
Lead	1	0.91	91
Magnesium	500	530	106
Manganese	1.5	1.8	120
Nickel	4	3.9	98
Potassium	500	540	108
Selenium	3.5	3.1	89
Silver	1	0.96	96
Sodium	500	630	126
Thallium	2.5	2.4	96
Vanadium	5	5.4	108
Zinc	6	6.8	113