

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: _____ SDG No.: MYCZH9
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165690
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	41	101
Antimony	12	11	89
Arsenic	2	2.4	118
Barium	40	41	103
Beryllium	1	1.1	105
Cadmium	1	0.98	98
Calcium	1000	1000	102
Chromium	2	2.1	103
Cobalt	10	10	103
Copper	5	4.2	83
Iron	20	23	116
Lead	2	1.6	81
Magnesium	1000	1100	106
Manganese	3	3.3	109
Nickel	8	7.8	97
Potassium	1000	1000	100
Selenium	7	5.6	80
Silver	2	2.1	103
Sodium	1000	1100	113
Thallium	5	5.5	109
Vanadium	10	9.3	93
Zinc	12	10	87

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Analyte	True	Found	%R
Aluminum	20	21	105
Antimony	6	5.4	90
Arsenic	1	0.46	9
Barium	20	21	105
Beryllium	0.5	0.53	106
Cadmium	0.5	0.48	96
Calcium	500	510	102
Chromium	1	1.0	100
Cobalt	5	5.2	104
Copper	2.5	2.0	80
Iron	10	10	100
Lead	1	0.75	75
Magnesium	500	530	106
Manganese	1.5	1.7	113
Nickel	4	3.8	95
Potassium	500	520	104
Selenium	3.5	2.6	74
Silver	1	1.0	100
Sodium	500	590	118
Thallium	2.5	2.5	100
Vanadium	5	5.4	108
Zinc	6	5.0	83