

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: _____ SDG No.: MYCZ9
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165619
 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	2.2	111
Barium	40	41	103
Beryllium	1	1.1	106
Cadmium	1	0.97	97
Calcium	1000	1000	102
Chromium	2	2.1	106
Cobalt	10	10	102
Copper	5	4.8	95
Iron	20	23	113
Lead	2	1.7	84
Magnesium	1000	1100	106
Manganese	3	3.3	110
Nickel	8	7.7	96
Potassium	1000	1000	101
Selenium	7	5.7	81
Silver	2	2.1	105
Sodium	1000	1200	116
Thallium	5	5.1	103
Vanadium	10	10	103
Zinc	12	11	91

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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	16	80
Antimony	6	5.4	90
Arsenic	1	0.46	46
Barium	20	20	100
Beryllium	0.5	0.54	108
Cadmium	0.5	0.48	96
Calcium	500	500	100
Chromium	1	1.0	100
Cobalt	5	5.1	102
Copper	2.5	1.9	76
Iron	10	10	100
Lead	1	0.67	67
Magnesium	500	540	108
Manganese	1.5	1.7	113
Nickel	4	3.8	95
Potassium	500	510	102
Selenium	3.5	3.2	91
Silver	1	1.1	110
Sodium	500	590	118
Thallium	2.5	2.9	116
Vanadium	5	5.4	108
Zinc	6	4.7	78