

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: _____ SDG No.: MYCYW9
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB165602
 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	9.8	82
Arsenic	2	2.3	116
Barium	40	41	102
Beryllium	1	1.0	103
Cadmium	1	0.97	96
Calcium	1000	990	99
Chromium	2	2.0	100
Cobalt	10	9.5	95
Copper	5	4.6	93
Iron	20	21	106
Lead	2	1.6	81
Magnesium	1000	1000	102
Manganese	3	3.1	104
Nickel	8	7.6	94
Potassium	1000	870	87
Selenium	7	5.5	78
Silver	2	1.9	92
Sodium	1000	1200	120
Thallium	5	5.3	106
Vanadium	10	10	101
Zinc	12	11	89

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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	21	105
Antimony	6	4.6	77
Arsenic	1	1.1	110
Barium	20	20	100
Beryllium	0.5	0.51	102
Cadmium	0.5	0.46	92
Calcium	500	490	98
Chromium	1	0.89	89
Cobalt	5	4.6	92
Copper	2.5	1.9	76
Iron	10	8.9	89
Lead	1	0.69	69
Magnesium	500	510	102
Manganese	1.5	1.6	107
Nickel	4	3.7	93
Potassium	500	400	80
Selenium	3.5	2.8	80
Silver	1	1.0	100
Sodium	500	720	144
Thallium	2.5	2.6	104
Vanadium	5	5.4	108
Zinc	6	5.7	95