

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE516
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164631
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	39	96
Antimony	12	11	93
Arsenic	2	2.3	113
Barium	40	41	102
Beryllium	1	1.1	108
Cadmium	1	1.1	105
Calcium	1000	1100	106
Chromium	2	2.3	112
Cobalt	10	10	100
Copper	5	5.3	106
Iron	20	20	98
Lead	2	1.6	81
Magnesium	1000	1000	104
Manganese	3	3.5	116
Nickel	8	8.3	103
Potassium	1000	970	97
Selenium	7	6.1	87
Silver	2	2.2	112
Sodium	1000	970	97
Thallium	5	4.9	97
Vanadium	10	10	103
Zinc	12	12	97

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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	22	110
Antimony	6	5.9	98
Arsenic	1	1.5	150
Barium	20	22	110
Beryllium	0.5	0.54	108
Cadmium	0.5	0.54	108
Calcium	500	560	112
Chromium	1	1.2	120
Cobalt	5	5.1	102
Copper	2.5	2.7	108
Iron	10	8.3	83
Lead	1	1.1	110
Magnesium	500	550	110
Manganese	1.5	1.7	113
Nickel	4	4.3	108
Potassium	500	510	102
Selenium	3.5	3.1	89
Silver	1	1.2	120
Sodium	500	530	106
Thallium	2.5	2.4	96
Vanadium	5	6.1	122
Zinc	6	6.1	102