

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: _____ SDG No.: MYDB23
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164259
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	34	84
Antimony	12	11	91
Arsenic	2	1.9	97
Barium	40	42	105
Beryllium	1	1.2	115
Cadmium	1	1.0	103
Calcium	1000	1100	109
Chromium	2	2.2	109
Cobalt	10	10	101
Copper	5	4.8	96
Iron	20	24	117
Lead	2	2.2	110
Magnesium	1000	1000	104
Manganese	3	3.4	114
Nickel	8	8.5	107
Potassium	1000	1000	101
Selenium	7	5.9	84
Silver	2	2.3	113
Sodium	1000	1000	103
Thallium	5	5.1	102
Vanadium	10	11	105
Zinc	12	11	92

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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	1.0	100
Barium	20	21	105
Beryllium	0.5	0.57	114
Cadmium	0.5	0.52	104
Calcium	500	540	108
Chromium	1	1.0	100
Cobalt	5	5.0	100
Copper	2.5	2.1	84
Iron	10	10	100
Lead	1	1.2	120
Magnesium	500	510	102
Manganese	1.5	1.6	107
Nickel	4	4.2	105
Potassium	500	500	100
Selenium	3.5	3.0	86
Silver	1	1.1	110
Sodium	500	500	100
Thallium	2.5	2.8	112
Vanadium	5	6.3	126
Zinc	6	5.5	92