

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDB12
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164274
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	35	87
Antimony	12	11	91
Arsenic	2	2.0	101
Barium	40	42	105
Beryllium	1	1.2	121
Cadmium	1	1.0	104
Calcium	1000	1100	110
Chromium	2	2.2	109
Cobalt	10	10	102
Copper	5	4.8	97
Iron	20	23	115
Lead	2	2.1	106
Magnesium	1000	1000	103
Manganese	3	3.6	120
Nickel	8	8.5	106
Potassium	1000	1000	103
Selenium	7	5.5	79
Silver	2	2.4	118
Sodium	1000	1000	103
Thallium	5	5.1	102
Vanadium	10	11	109
Zinc	12	11	94

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Analyte	True	Found	%R
Aluminum	20	16	80
Antimony	6	5.5	92
Arsenic	1	0.61	61
Barium	20	21	105
Beryllium	0.5	0.61	122
Cadmium	0.5	0.52	104
Calcium	500	550	110
Chromium	1	1.0	100
Cobalt	5	5.0	100
Copper	2.5	2.5	100
Iron	10	9.9	99
Lead	1	1.2	120
Magnesium	500	520	104
Manganese	1.5	1.7	113
Nickel	4	4.3	108
Potassium	500	510	102
Selenium	3.5	3.5	100
Silver	1	1.1	110
Sodium	500	520	104
Thallium	2.5	2.6	104
Vanadium	5	5.3	106
Zinc	6	5.5	92