

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDB42
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164268
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	52	130
Antimony	12	11	91
Arsenic	2	2.0	100
Barium	40	44	109
Beryllium	1	1.1	107
Cadmium	1	1.0	101
Calcium	1000	1100	109
Chromium	2	2.2	111
Cobalt	10	9.8	98
Copper	5	4.9	97
Iron	20	24	119
Lead	2	2.0	102
Magnesium	1000	990	99
Manganese	3	3.3	110
Nickel	8	8.4	104
Potassium	1000	1000	102
Selenium	7	6.1	86
Silver	2	2.1	105
Sodium	1000	1000	103
Thallium	5	5.4	108
Vanadium	10	9.9	99
Zinc	12	12	97

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Analyte	True	Found	%R
Aluminum	20	22	110
Antimony	6	5.3	88
Arsenic	1	1.5	150
Barium	20	21	105
Beryllium	0.5	0.53	106
Cadmium	0.5	0.49	98
Calcium	500	540	108
Chromium	1	1.2	120
Cobalt	5	4.9	98
Copper	2.5	2.2	88
Iron	10	12	120
Lead	1	0.96	96
Magnesium	500	490	98
Manganese	1.5	1.5	100
Nickel	4	4.2	105
Potassium	500	510	102
Selenium	3.5	2.5	71
Silver	1	1.1	110
Sodium	500	490	98
Thallium	2.5	2.7	108
Vanadium	5	5.0	100
Zinc	6	6.1	102