

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: _____ SDG No.: MYDBD4
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164278
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	29	72
Antimony	12	10	87
Arsenic	2	1.8	92
Barium	40	42	104
Beryllium	1	1.1	108
Cadmium	1	1.0	100
Calcium	1000	1100	107
Chromium	2	2.2	109
Cobalt	10	9.9	99
Copper	5	5.2	103
Iron	20	15	74
Lead	2	2.0	101
Magnesium	1000	1000	101
Manganese	3	3.1	104
Nickel	8	8.3	103
Potassium	1000	990	99
Selenium	7	6.2	88
Silver	2	2.2	110
Sodium	1000	1000	104
Thallium	5	4.5	90
Vanadium	10	10	105
Zinc	12	11	89

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Analyte	True	Found	%R
Aluminum	20	10	50
Antimony	6	4.9	82
Arsenic	1	0.83	83
Barium	20	21	105
Beryllium	0.5	0.52	104
Cadmium	0.5	0.48	96
Calcium	500	530	106
Chromium	1	1.1	110
Cobalt	5	4.9	98
Copper	2.5	2.7	108
Iron	10	4.9	49
Lead	1	1.1	110
Magnesium	500	500	100
Manganese	1.5	1.4	93
Nickel	4	4.0	100
Potassium	500	480	96
Selenium	3.5	2.4	69
Silver	1	1.2	120
Sodium	500	530	106
Thallium	2.5	2.2	88
Vanadium	5	4.6	92
Zinc	6	5.3	88