

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: _____ SDG No.: MYDAT3
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164199
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	43	107
Antimony	12	11	89
Arsenic	2	2.3	114
Barium	40	42	104
Beryllium	1	1.1	109
Cadmium	1	1.0	101
Calcium	1000	1100	108
Chromium	2	2.3	113
Cobalt	10	10	100
Copper	5	4.6	92
Iron	20	25	124
Lead	2	2.0	102
Magnesium	1000	1000	101
Manganese	3	3.3	109
Nickel	8	8.5	106
Potassium	1000	1000	101
Selenium	7	6.0	85
Silver	2	2.2	112
Sodium	1000	1000	104
Thallium	5	5.2	105
Vanadium	10	9.8	98
Zinc	12	12	96

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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	5.7	95
Arsenic	1	1.2	120
Barium	20	21	105
Beryllium	0.5	0.53	106
Cadmium	0.5	0.49	98
Calcium	500	540	108
Chromium	1	1.1	110
Cobalt	5	5.0	100
Copper	2.5	2.7	108
Iron	10	12	120
Lead	1	1.1	110
Magnesium	500	510	102
Manganese	1.5	1.7	113
Nickel	4	4.2	105
Potassium	500	510	102
Selenium	3.5	2.6	74
Silver	1	1.1	110
Sodium	500	500	100
Thallium	2.5	2.5	100
Vanadium	5	5.2	104
Zinc	6	5.8	97