

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE5B3
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164623
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	38	96
Antimony	12	11	93
Arsenic	2	1.9	95
Barium	40	41	103
Beryllium	1	1.1	108
Cadmium	1	1.0	103
Calcium	1000	1100	107
Chromium	2	2.2	111
Cobalt	10	9.9	99
Copper	5	4.8	95
Iron	20	15	76
Lead	2	2.1	105
Magnesium	1000	1100	106
Manganese	3	3.3	110
Nickel	8	8.3	104
Potassium	1000	980	98
Selenium	7	6.7	95
Silver	2	2.2	111
Sodium	1000	980	98
Thallium	5	4.5	90
Vanadium	10	11	113
Zinc	12	12	97

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Analyte	True	Found	%R
Aluminum	20	19	95
Antimony	6	5.8	97
Arsenic	1	0.6	60
Barium	20	21	105
Beryllium	0.5	0.54	108
Cadmium	0.5	0.52	104
Calcium	500	550	110
Chromium	1	1.2	120
Cobalt	5	5.1	102
Copper	2.5	2.5	100
Iron	10	6.9	69
Lead	1	1.2	120
Magnesium	500	540	108
Manganese	1.5	1.6	107
Nickel	4	4.3	108
Potassium	500	490	98
Selenium	3.5	3.2	91
Silver	1	1.1	110
Sodium	500	500	100
Thallium	2.5	2.4	96
Vanadium	5	5.6	112
Zinc	6	6.0	100