

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE490

Matrix : Soil Preparation Method: 3050B

Analytical Method: ICP-AES Preparation Batch: PB164428

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	39	98
Antimony	12	11	91
Arsenic	2	2.2	109
Barium	40	43	108
Beryllium	1	1.1	113
Cadmium	1	1.1	110
Calcium	1000	1100	113
Chromium	2	2.3	116
Cobalt	10	10	103
Copper	5	4.5	91
Iron	20	24	121
Lead	2	2.0	100
Magnesium	1000	1100	113
Manganese	3	3.5	116
Nickel	8	8.7	109
Potassium	1000	1000	103
Selenium	7	6.4	91
Silver	2	2.5	122
Sodium	1000	1100	109
Thallium	5	5.5	109
Vanadium	10	11	114
Zinc	12	11	91

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Analyte	True	Found	%R
Aluminum	20	19	95
Antimony	6	5.7	95
Arsenic	1	1.1	110
Barium	20	22	110
Beryllium	0.5	0.58	116
Cadmium	0.5	0.55	110
Calcium	500	580	116
Chromium	1	1.2	120
Cobalt	5	5.3	106
Copper	2.5	2.0	80
Iron	10	13	130
Lead	1	1.1	110
Magnesium	500	580	116
Manganese	1.5	1.6	107
Nickel	4	4.5	113
Potassium	500	510	102
Selenium	3.5	3.3	94
Silver	1	1.4	140
Sodium	500	520	104
Thallium	2.5	3.0	120
Vanadium	5	6.0	120
Zinc	6	5.6	93