

LABORATORY CONTROL SAMPLE

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

Lab Code: ACE Case No.: 51817 MA No.: _____ SDG No.: MYE543

Matrix : Soil Preparation Method: 3050B

Analytical Method: ICP-AES Preparation Batch: PB164636

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

Analyte	True	Found	%R
Aluminum	40	39	96
Antimony	12	10	87
Arsenic	2	1.5	74
Barium	40	41	102
Beryllium	1	1.1	109
Cadmium	1	1.0	104
Calcium	1000	1100	107
Chromium	2	2.1	103
Cobalt	10	9.7	97
Copper	5	4.0	81
Iron	20	22	112
Lead	2	2.1	103
Magnesium	1000	1000	101
Manganese	3	3.2	106
Nickel	8	8.2	103
Potassium	1000	960	96
Selenium	7	6.5	93
Silver	2	2.3	113
Sodium	1000	1000	100
Thallium	5	5.0	100
Vanadium	10	9.8	98
Zinc	12	11	92

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Analyte	True	Found	%R
Aluminum	20	20	100
Antimony	6	5.3	88
Arsenic	1	0.99	99
Barium	20	21	105
Beryllium	0.5	0.56	112
Cadmium	0.5	0.56	112
Calcium	500	560	112
Chromium	1	1.0	100
Cobalt	5	5.0	100
Copper	2.5	2.4	96
Iron	10	11	110
Lead	1	0.81	81
Magnesium	500	520	104
Manganese	1.5	1.6	107
Nickel	4	4.3	108
Potassium	500	510	102
Selenium	3.5	3.9	111
Silver	1	1.2	120
Sodium	500	540	108
Thallium	2.5	2.5	100
Vanadium	5	5.0	100
Zinc	6	5.8	97