

LABORATORY CONTROL SAMPLE

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: _____ SDG No.: MYDAD3
 Matrix : Soil Preparation Method: 3050B
 Analytical Method: ICP-AES Preparation Batch: PB164140
 Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, or μg): mg/kg

Analyte	True	Found	%R
Aluminum	40	40	100
Antimony	12	10	85
Arsenic	2	1.8	89
Barium	40	42	105
Beryllium	1	0.98	97
Cadmium	1	0.91	91
Calcium	1000	1100	105
Chromium	2	2.2	109
Cobalt	10	9.6	96
Copper	5	4.8	97
Iron	20	21	103
Lead	2	1.8	90
Magnesium	1000	950	95
Manganese	3	2.9	98
Nickel	8	8.0	100
Potassium	1000	930	93
Selenium	7	5.1	73
Silver	2	1.7	87
Sodium	1000	990	99
Thallium	5	4.8	95
Vanadium	10	9.3	93
Zinc	12	11	88

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Analyte	True	Found	%R
Aluminum	20	21	105
Antimony	6	5.5	92
Arsenic	1	1.3	130
Barium	20	21	105
Beryllium	0.5	0.55	110
Cadmium	0.5	0.5	100
Calcium	500	550	110
Chromium	1	1.1	110
Cobalt	5	5.1	102
Copper	2.5	2.6	104
Iron	10	13	130
Lead	1	0.71	71
Magnesium	500	520	104
Manganese	1.5	1.6	107
Nickel	4	4.3	108
Potassium	500	500	100
Selenium	3.5	2.8	80
Silver	1	1.3	130
Sodium	500	510	102
Thallium	2.5	2.8	112
Vanadium	5	3.9	78
Zinc	6	5.9	98