

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51880 MA No.: _____ SDG No.: E29T2
 Instrument ID: P7 Start Date: 11/20/2024
 Analytical Method: ICP-MS Run Batch: LB133538
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	0.0	0	20	19	-5	1000	980	-2
Antimony	0	0.0	0	2	2.1	5	50	52	4
Arsenic	0	0.0	0	1	1.1	10	50	53	6
Barium	0	0.0	0	10	10	0	250	270	8
Beryllium	0	0.0	0	1	0.98	-2	50	50	0
Cadmium	0	0.0	0	1	1.1	10	50	54	8
Calcium	0	0.0	0	500	530	6	5000	5100	2
Chromium	0	0.0	0	2	2.1	5	50	51	2
Cobalt	0	0.0	0	1	1.1	10	50	52	4
Copper	0	0.0	0	2	2.1	5	500	550	10
Iron	0	0.0	0	50	57	14	2500	2700	8
Lead	0	0.0	0	1	0.99	-1	250	250	0
Magnesium	0	0.0	0	500	490	-2	5000	5200	4
Manganese	0	0.0	0	1	1.0	0	500	520	4
Nickel	0	0.0	0	1	1.1	10	50	53	6
Potassium	0	0.0	0	500	520	4	2500	2500	0
Selenium	0	0.0	0	5	5.0	0	50	52	4
Silver	0	0.0	0	1	1.1	10	50	55	10
Sodium	0	0.0	0	500	500	0	5000	5300	6
Thallium	0	0.0	0	1	1.0	0	50	50	0
Vanadium	0	0.0	0	5	5.2	4	50	50	0
Zinc	0	0.0	0	5	4.9	-2	500	520	4

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	2500	2500	0	5000	4900	-2	10000	9800	-2
Antimony	125	130	4	250	250	0	500	500	0
Arsenic	125	130	4	250	250	0	500	510	2
Barium	625	640	2	1250	1300	4	2500	2500	0
Beryllium	125	120	-4	250	240	-4	500	510	2
Cadmium	125	130	4	250	260	4	500	510	2
Calcium	12500	13000	4	25000	25000	0	50000	50000	0
Chromium	125	130	4	250	260	4	500	510	2
Cobalt	125	130	4	250	260	4	500	510	2
Copper	1250	1300	4	2500	2700	8	5000	5200	4
Iron	6250	6700	7	12500	13000	4	25000	26000	4
Lead	625	620	-1	1250	1300	4	2500	2500	0
Magnesium	12500	13000	4	25000	25000	0	50000	50000	0
Manganese	1250	1300	4	2500	2600	4	5000	5200	4
Nickel	125	130	4	250	260	4	500	520	4
Potassium	6250	6300	1	12500	13000	4	25000	25000	0
Selenium	125	130	4	250	250	0	500	500	0
Silver	125	130	4	250	260	4	500	510	2
Sodium	12500	13000	4	25000	26000	4	50000	52000	4
Thallium	125	120	-4	250	250	0	500	500	0
Vanadium	125	120	-4	250	260	4	500	510	2
Zinc	1250	1300	4	2500	2600	4	5000	5200	4

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	20000	19000	-5	100000	100000	0			
Antimony	1000	1000	0						
Arsenic	1000	1000	0						
Barium	5000	5000	0						
Beryllium	1000	1000	0						
Cadmium	1000	990	-1						
Calcium	100000	100000	0	500000	500000	0			
Chromium	1000	990	-1						
Cobalt	1000	990	-1						
Copper	10000	9900	-1						
Iron	50000	50000	0	250000	250000	0			
Lead	5000	5000	0						
Magnesium	100000	97000	-3	500000	500000	0			
Manganese	10000	9900	-1						
Nickel	1000	990	-1						
Potassium	50000	48000	-4	250000	250000	0			
Selenium	1000	1000	0						
Silver	1000	990	-1						
Sodium	100000	99000	-1	500000	500000	0			
Thallium	1000	1000	0						
Vanadium	1000	990	-1						
Zinc	10000	9900	-1						