

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51953 MA No.: _____ SDG No.: MC0AF9
 Instrument ID: P7 Start Date: 01/21/2025
 Analytical Method: ICP-MS Run Batch: LB134565
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	0.0	0	20	20	0	1000	950	-5
Antimony	0	0.0	0	2	2.1	5	50	50	0
Arsenic	0	0.0	0	1	1.1	10	50	51	2
Barium	0	0.0	0	10	11	10	250	250	0
Beryllium	0	0.0	0	1	1.1	10	50	53	6
Cadmium	0	0.0	0	1	1.2	20	50	53	6
Calcium	0	0.0	0	500	550	10	5000	4900	-2
Chromium	0	0.0	0	2	1.9	-5	50	50	0
Cobalt	0	0.0	0	1	1.1	10	50	51	2
Copper	0	0.0	0	2	2.1	5	500	510	2
Iron	0	0.0	0	50	61	22	2500	2700	8
Lead	0	0.0	0	1	0.98	-2	250	240	-4
Magnesium	0	0.0	0	500	550	10	5000	5300	6
Manganese	0	0.0	0	1	1.0	0	500	490	-2
Nickel	0	0.0	0	1	0.91	-9	50	52	4
Potassium	0	0.0	0	500	550	10	2500	2500	0
Selenium	0	0.0	0	5	5.2	4	50	51	2
Silver	0	0.0	0	1	1.1	10	50	54	8
Sodium	0	0.0	0	500	510	2	5000	4900	-2
Thallium	0	0.0	0	1	0.94	-6	50	46	-8
Vanadium	0	0.0	0	5	5.2	4	50	50	0
Zinc	0	0.0	0	5	5.6	12	500	500	0

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	2500	2400	-4	5000	4900	-2	10000	9700	-3
Antimony	125	130	4	250	250	0	500	500	0
Arsenic	125	130	4	250	250	0	500	500	0
Barium	625	640	2	1250	1300	4	2500	2500	0
Beryllium	125	130	4	250	250	0	500	490	-2
Cadmium	125	130	4	250	250	0	500	500	0
Calcium	12500	12000	-4	25000	25000	0	50000	50000	0
Chromium	125	130	4	250	250	0	500	500	0
Cobalt	125	130	4	250	250	0	500	500	0
Copper	1250	1300	4	2500	2500	0	5000	5000	0
Iron	6250	6600	6	12500	13000	4	25000	26000	4
Lead	625	610	-2	1250	1200	-4	2500	2500	0
Magnesium	12500	13000	4	25000	27000	8	50000	53000	6
Manganese	1250	1200	-4	2500	2500	0	5000	5000	0
Nickel	125	130	4	250	250	0	500	490	-2
Potassium	6250	6200	-1	12500	12000	-4	25000	25000	0
Selenium	125	130	4	250	250	0	500	500	0
Silver	125	140	12	250	260	4	500	510	2
Sodium	12500	12000	-4	25000	25000	0	50000	51000	2
Thallium	125	120	-4	250	240	-4	500	490	-2
Vanadium	125	120	-4	250	240	-4	500	500	0
Zinc	1250	1300	4	2500	2500	0	5000	5000	0

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	20000	20000	0	100000	100000	0			
Antimony	1000	1000	0						
Arsenic	1000	1000	0						
Barium	5000	5000	0						
Beryllium	1000	1000	0						
Cadmium	1000	1000	0						
Calcium	100000	100000	0	500000	500000	0			
Chromium	1000	1000	0						
Cobalt	1000	1000	0						
Copper	10000	10000	0						
Iron	50000	52000	4	250000	250000	0			
Lead	5000	5000	0						
Magnesium	100000	110000	10	500000	500000	0			
Manganese	10000	10000	0						
Nickel	1000	1000	0						
Potassium	50000	50000	0	250000	250000	0			
Selenium	1000	1000	0						
Silver	1000	990	-1						
Sodium	100000	100000	0	500000	500000	0			
Thallium	1000	1000	0						
Vanadium	1000	1000	0						
Zinc	10000	10000	0						

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 Instrument ID: P7 Start Date: 02/04/2025
 Analytical Method: ICP-MS Run Batch: LB134593
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0	0.0	0	20	20	0	1000	1000	0
Antimony	0	0.0	0	2	2.2	10	50	51	2
Arsenic	0	0.0	0	1	1.2	20	50	55	10
Barium	0	0.0	0	10	11	10	250	250	0
Beryllium	0	0.0	0	1	1.2	20	50	56	12
Cadmium	0	0.0	0	1	1.2	20	50	55	10
Calcium	0	0.0	0	500	550	10	5000	4900	-2
Chromium	0	0.0	0	2	2.2	10	50	53	6
Cobalt	0	0.0	0	1	1.2	20	50	53	6
Copper	0	0.0	0	2	2.2	10	500	550	10
Iron	0	0.0	0	50	59	18	2500	2700	8
Lead	0	0.0	0	1	0.96	-4	250	240	-4
Magnesium	0	0.0	0	500	520	4	5000	5200	4
Manganese	0	0.0	0	1	1.1	10	500	520	4
Nickel	0	0.0	0	1	1.2	20	50	55	10
Potassium	0	0.0	0	500	550	10	2500	2700	8
Selenium	0	0.0	0	5	5.8	16	50	53	6
Silver	0	0.0	0	1	1.2	20	50	55	10
Sodium	0	0.0	0	500	520	4	5000	5100	2
Thallium	0	0.0	0	1	0.97	-3	50	45	-10
Vanadium	0	0.0	0	5	5.5	10	50	53	6
Zinc	0	0.0	0	5	5.4	8	500	520	4

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	2500	2400	-4	5000	4700	-6	10000	9800	-2
Antimony	125	130	4	250	260	4	500	500	0
Arsenic	125	130	4	250	250	0	500	500	0
Barium	625	650	4	1250	1300	4	2500	2500	0
Beryllium	125	140	12	250	270	8	500	510	2
Cadmium	125	130	4	250	260	4	500	490	-2
Calcium	12500	12000	-4	25000	24000	-4	50000	48000	-4
Chromium	125	130	4	250	240	-4	500	510	2
Cobalt	125	130	4	250	240	-4	500	510	2
Copper	1250	1300	4	2500	2500	0	5000	5100	2
Iron	6250	6500	4	12500	13000	4	25000	26000	4
Lead	625	620	-1	1250	1300	4	2500	2500	0
Magnesium	12500	12000	-4	25000	24000	-4	50000	50000	0
Manganese	1250	1200	-4	2500	2400	-4	5000	5100	2
Nickel	125	130	4	250	250	0	500	510	2
Potassium	6250	6300	1	12500	12000	-4	25000	25000	0
Selenium	125	130	4	250	260	4	500	510	2
Silver	125	130	4	250	270	8	500	510	2
Sodium	12500	12000	-4	25000	24000	-4	50000	50000	0
Thallium	125	120	-4	250	250	0	500	510	2
Vanadium	125	130	4	250	240	-4	500	500	0
Zinc	1250	1300	4	2500	2500	0	5000	5100	2

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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	990	-1						
Cadmium	1000	1000	0						
Calcium	100000	96000	-4	500000	500000	0			
Chromium	1000	1000	0						
Cobalt	1000	1000	0						
Copper	10000	9900	-1						
Iron	50000	51000	2	250000	250000	0			
Lead	5000	5000	0						
Magnesium	100000	98000	-2	500000	500000	0			
Manganese	10000	10000	0						
Nickel	1000	990	-1						
Potassium	50000	49000	-2	250000	250000	0			
Selenium	1000	990	-1						
Silver	1000	990	-1						
Sodium	100000	99000	-1	500000	500000	0			
Thallium	1000	1000	0						
Vanadium	1000	1000	0						
Zinc	10000	9900	-1						