

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51759 MA No.: _____ SDG No.: ME29D7
 Instrument ID: P7 Start Date: 12/06/2024
 Analytical Method: ICP-MS Run Batch: LB133800
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	0	0.0	0	0.2	0.21	5	2	2.2	10
Arsenic	0	0.0	0	0.1	0.1	0	1	1.1	10
Barium	0	0.0	0	1	1.0	0	10	11	10
Beryllium	0	0.0	0	0.1	0.1	0	1	1.1	10
Cadmium	0	0.0	0	0.1	0.12	20	1	1.2	20
Chromium	0	0.0	0	0.2	0.25	25	2	2.1	5
Cobalt	0	0.0	0	0.1	0.11	10	1	1.1	10
Copper	0	0.0	0	0.2	0.24	20	2	2.1	5
Lead	0	0.0	0	0.1	0	-100	1	1.0	0
Manganese	0	0.0	0	0.1	0	-100	1	1.1	10
Nickel	0	0.0	0	0.1	0.12	20	1	1.1	10
Selenium	0	0.0	0	0.5	0	-100	5	5.2	4
Silver	0	0.0	0	0.1	0.11	10	1	1.1	10
Thallium	0	0.0	0	0.1	0.1	0	1	1.0	0
Titanium	0	0.0	0	0.5	0.52	4	5	5.3	6
Vanadium	0	0.0	0	0.5	0.52	4	5	5.3	6
Zinc	0	0.0	0	0.2	0	-100	5	5.4	8

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	50	57	14	125	130	4	250	270	8
Arsenic	50	55	10	125	140	12	250	260	4
Barium	250	280	12	625	650	4	1250	1300	4
Beryllium	50	54	8	125	130	4	250	260	4
Cadmium	50	60	20	125	140	12	250	280	12
Chromium	50	56	12	125	140	12	250	270	8
Cobalt	50	56	12	125	140	12	250	270	8
Copper	500	560	12	1250	1400	12	2500	2700	8
Lead	250	270	8	625	630	1	1250	1300	4
Manganese	500	550	10	1250	1400	12	2500	2700	8
Nickel	50	57	14	125	140	12	250	270	8
Selenium	50	56	12	125	130	4	250	270	8
Silver	50	60	20	125	140	12	250	270	8
Thallium	50	54	8	125	130	4	250	260	4
Titanium	500	550	10	1250	1300	4	2500	2600	4
Vanadium	50	55	10	125	140	12	250	270	8
Zinc	500	570	14	1250	1400	12	2500	2700	8

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Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Antimony	500	520	4	1000	990	-1			
Arsenic	500	530	6	1000	980	-2			
Barium	2500	2600	4	5000	4900	-2			
Beryllium	500	500	0	1000	990	-1			
Cadmium	500	530	6	1000	980	-2			
Chromium	500	530	6	1000	980	-2			
Cobalt	500	530	6	1000	980	-2			
Copper	5000	5300	6	10000	9800	-2			
Lead	2500	2600	4	5000	4900	-2			
Manganese	5000	5300	6	10000	9800	-2			
Nickel	500	530	6	1000	980	-2			
Selenium	500	520	4	1000	980	-2			
Silver	500	520	4	1000	980	-2			
Thallium	500	510	2	1000	990	-1			
Titanium	5000	5100	2	10000	9900	-1			
Vanadium	500	530	6	1000	980	-2			
Zinc	5000	5400	8	10000	9800	-2			