

FORM 12-IN
ANALYSIS LOG

Lab Name: Alliance Technical Group, LLC	Contract: 68HERH20D0011
Lab Code: ACE	Case No.: Sharkey I
MA No.:	SDG No.: Q3688
Instrument ID: P4	Analytical Method: ICP-AES
Start Date: 12/08/2025	End Date: 12/08/2025
Run Batch: LB138160	

EPA Sample No.	D/F	Time	Analytes																											
			A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N				
S0	1.0	1007			X	X		X		X				X						X	X									
S01	1.0	1012			X	X		X		X				X						X	X									
S02	1.0	1016			X	X		X		X				X						X	X									
S03	1.0	1021			X	X		X		X				X						X	X									
S04	1.0	1025			X	X		X		X				X						X	X									
S05	1.0	1029			X	X		X		X				X						X	X									
S06	1.0	1034			X	X		X		X				X						X	X									
ICV001	1.0	1106			X	X		X		X				X						X	X									
ICB001	1.0	1121			X	X		X		X				X						X	X									
ICSA001	1.0	1126	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X						
ICSAB001	1.0	1140	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X						
CCV001	1.0	1144			X	X		X		X				X						X	X									
CCB001	1.0	1149			X	X		X		X				X						X	X									
M-31S	1.0	1153			X	X		X		X				X						X	X									
M-31SL	5.0	1158																												
M-31SD	1.0	1207			X	X		X		X				X						X	X									
RBGW-20251	1.0	1212			X	X		X		X				X						X	X									
M-32I	1.0	1216			X	X		X		X				X						X	X									
M-31I	1.0	1221			X	X		X		X				X						X	X									
M-31SS	1.0	1238			X	X		X		X				X						X	X									
M-32S	1.0	1242			X	X		X		X				X						X	X									
RBGW-20251	1.0	1247			X	X		X		X				X						X	X									
M-30S	1.0	1251			X	X		X		X				X						X	X									
M-30I	1.0	1256			X	X		X		X				X						X	X									
FDGW-20251	1.0	1300			X	X		X		X				X						X	X									
WS-14	1.0	1305			X	X		X		X				X						X	X									
M-29	1.0	1310			X	X		X		X				X						X	X									
CCV002	1.0	1314			X	X		X		X				X						X	X									
CCB002	1.0	1319			X	X		X		X				X						X	X									
RBGW-20251	1.0	1323			X	X		X		X				X						X	X									
M-28I	1.0	1328			X	X		X		X				X						X	X									
WS-1	1.0	1333			X	X		X		X				X						X	X									
RBGW-20251	1.0	1337			X	X		X		X				X						X	X									
M-28S	1.0	1342			X	X		X		X				X						X	X									
PBW814	1.0	1346			X	X		X		X				X						X	X									
LCS814	1.0	1413			X	X		X		X				X						X	X									
CCV003	1.0	1417			X	X		X		X				X						X	X									
CCB003	1.0	1422			X	X		X		X				X						X	X									

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Lab Name: <u>Alliance Technical Group, LLC</u>	Contract: <u>68HERH20D0011</u>
Lab Code: <u>ACE</u> Case No.: <u>Sharkey I</u>	MA No.: _____ SDG No.: <u>Q3688</u>
Instrument ID: <u>CV1</u>	Analytical Method: <u>CVAA</u>
Start Date: <u>12/05/2025</u>	End Date: <u>12/05/2025</u>
Run Batch: <u>LB138122</u>	

EPA Sample No.	D/F	Time	Analytes																										
			A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N			
S0	1.0	1112															X												
S01	1.0	1114															X												
S02	1.0	1116															X												
S03	1.0	1119															X												
S04	1.0	1126															X												
S05	1.0	1128															X												
ICV001	1.0	1135															X												
ICB001	1.0	1137															X												
CCV069	1.0	1139															X												
CCB069	1.0	1141															X												
PBW832	1.0	1144															X												
M-31S	1.0	1146															X												
M-31SD	1.0	1148															X												
M-31SS	1.0	1150															X												
RBGW-20251	1.0	1153															X												
M-32I	1.0	1155															X												
M-31I	1.0	1157															X												
M-32S	1.0	1200															X												
RBGW-20251	1.0	1202															X												
M-30S	1.0	1204															X												
M-30I	1.0	1206															X												
FDGW-20251	1.0	1209															X												
WS-14	1.0	1211															X												
M-29	1.0	1213															X												
RBGW-20251	1.0	1216															X												
M-28I	1.0	1218															X												
WS-1	1.0	1220															X												
RBGW-20251	1.0	1222															X												
M-28S	1.0	1225															X												
CCV070	1.0	1227															X												
CCB070	1.0	1229															X												

FORM 15-IN
INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Lar MA No.: SDG No.: Q3688
Instrument ID: P4 Start Date: 12/08/2025
Analytical Method: ICP-AES Run Batch: LB138160
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Arsenic	0	0.0	0	10	7.6	-24	1250	1200	-4
Barium	0	0.030	0	200	180	-10	2500	2300	-8
Cadmium	0	0.0	0	5	4.1	-18	625	630	1
Chromium	0	-0	0	10	10	0	3875	4000	3
Lead	0	-0	0	10	11	10	6250	6100	-2
Selenium	0	0.010	0	35	26	-26	1250	1200	-4
Silver	0	0.0	0	10	7.9	-21	312.5	300	-4

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Instrument ID: P4 Start Date: 12/08/2025
Analytical Method: ICP-AES Run Batch: LB138160
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Arsenic	2500	2400	-4	5000	4900	-2	10000	10000	0
Barium	5000	4900	-2	10000	9900	-1	20000	20000	0
Cadmium	1250	1300	4	2500	2500	0	5000	5000	0
Chromium	7750	8100	5	15500	16000	3	31000	30000	-3
Lead	12500	12000	-4	25000	25000	0	50000	50000	0
Selenium	2500	2500	0	5000	4900	-2	10000	10000	0
Silver	625	620	-1	1250	1200	-4	2500	2500	0

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Analytical Method: ICP-AES Run Batch: LB138160
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Arsenic	0	0.0	0						
Barium	0	0.0	0						
Cadmium	0	0.0	0						
Chromium	0	0.0	0						
Lead	0	0.0	0						
Selenium	0	0.0	0						
Silver	0	0.0	0						

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INITIAL CALIBRATION

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Lar MA No.: SDG No.: Q3688
Instrument ID: CV1 Start Date: 12/05/2025
Analytical Method: CVAA Run Batch: LB138122
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Mercury	0	0.0	0	0.2	0.16	-21	2.5	2.5	0

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Lab Code: ACE Case No.: Sharkey Lar MA No.: SDG No.: Q3688
Instrument ID: CV1 Start Date: 12/05/2025
Analytical Method: CVAA Run Batch: LB138122
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Mercury	5	5.3	6	7.5	7.3	-3	10	10	0

FORM 16-IN

INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: Sharkey Land MA No.: SDG No.: Q3688
 Instrument ID: P4 Start Date : 12/08/2025
 Analytical Method: ICP-AES Run Batch : LB138160

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Aluminum	0.995501	0.013717	-0.000111	Lin. Reg	NONE
Antimony	0.999539	0.101085	0.000903	Lin. Reg	NONE
Arsenic	0.999569	0.064094	-0.000280	Lin. Reg	NONE
Barium	0.999673	0.256771	0.002482	Lin. Reg	NONE
Beryllium	0.999662	5.526770	-0.002990	Lin. Reg	NONE
Cadmium	0.999948	2.067768	-0.000634	Lin. Reg	NONE
Calcium	0.997249	0.007664	0.000170	Lin. Reg	NONE
Chromium	0.999696	0.135036	0.000131	Lin. Reg	NONE
Cobalt	0.999986	0.929949	-0.000389	Lin. Reg	NONE
Copper	0.999967	0.109722	0.002818	Lin. Reg	NONE
Iron	0.997714	0.003637	0.000018	Lin. Reg	NONE
Lead	0.999973	0.171293	0.000075	Lin. Reg	NONE
Magnesium	0.995546	0.001597	0.000002	Lin. Reg	NONE
Manganese	0.999953	0.050170	-0.000004	Lin. Reg	NONE
Nickel	0.999985	0.525269	-0.001059	Lin. Reg	NONE
Phosphorus	0.999589	0.039135	-0.000884	Lin. Reg	NONE
Potassium	0.999115	0.002302	0.005352	Lin. Reg	NONE
Selenium	0.999741	0.078185	0.000319	Lin. Reg	NONE
Silver	0.999819	0.227650	-0.000649	Lin. Reg	NONE
Sodium	0.997847	0.002729	-0.005729	Lin. Reg	NONE
Thallium	0.999165	0.038741	0.000342	Lin. Reg	NONE
Tin	0.999116	0.120441	0.003106	Lin. Reg	NONE
Titanium	0.999961	0.288418	0.001670	Lin. Reg	NONE
Vanadium	0.999975	0.126563	0.000031	Lin. Reg	NONE
Zinc	0.999721	0.202225	0.001023	Lin. Reg	NONE

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: Sharkey Land MA No.: SDG No.: Q3688
Instrument ID: CV1 Start Date : 12/05/2025
Analytical Method: CVAA Run Batch : LB138122

Analyte	Corr. Coeff.	Slope	Intercept	Calib. Type	Weighting
Mercury	0.999000	0.000231	-0.025900	Lin. Reg	NONE