ACS LABORATORY | BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslab.com
DEA No. RA0571996
FL License # CMTL-0003

AstroBliss Strawberry Kiwi Seltzer
Sample Matrix:
HEMP
Extract
Ingestion

Certificate of Analysis

Compliance Test

Client Information:
ASTROBLEME LLC
3031 W. CYPRESS ST.
UNIT D
TAMPA, FL 33609

Batch Data:
Batch # a255
Batch Date: 2025-09-09
Extracted From: Hemp

Order Details:
Test Reg State: Florida

Order #
AST250916-020001
Order Date: 2025-09-16
Sample # AAHC202

Sampling Date: 2025-09-17
Lab Batch Date: 2025-09-17
Completion Date: 2025-09-22

Volume: 355 ml

Net Weight per Serving:
355 ml
Servings Per Package:
1

Product Image

Potency Tested
Heavy Metals Passed
Mycotoxins Passed
Pesticides Passed
Residual Solvents Passed
Pathogenic Microbiology Passed
Microbiology (qPCR) Passed

Potency Summary

Delta 9 THC	**0.0142%**
per Serving	50.4 mg
per Package	50.4 mg
Total Active CBD	**0.00962%**
per Serving	34.1 mg
per Package	34.1 mg
Total CBG	**0.0000960%**
per Serving	0.341 mg
per Package	0.341 mg
Total CBN	**<LOQ**
per Serving	0.00 mg
per Package	0.00 mg
Total Cannabinoids	**0.0239%**
per Serving	84.8 mg
per Package	84.8 mg
Total Active THC	**0.0142%**
per Serving	50.4 mg
per Package	50.4 mg

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

ACCREDITED CERT #6786.01

DEA REGISTERED LABORATORY #RA0571996

Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.867), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87) , CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed – Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed – Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034 The results apply to the sample as received.

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Potency 11 (LCUV)

Specimen Weight: 360000.000 mg

Tested

SOP13.030 (LCMS)

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (µg/ml)	(%)	Per Serving (mg)	Per Package (mg)
Delta-9 THC	40.000	1.30E-5	0.015	142	0.0142	50.3	50.3
CBD	40.000	5.40E-5	0.015	96.2	0.00962	34.1	34.1
CBG	8.000	2.48E-4	0.015	0.957	0.0000960	0.340	0.340
CBC	8.000	1.80E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDA	8.000	1.00E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDV	8.000	6.50E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBGA	8.000	8.00E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBN	8.000	1.40E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-8 THC	8.000	2.60E-5	0.015	<LOQ	<LOQ	0.00	0.00
THCA-A	8.000	3.20E-5	0.015	<LOQ	<LOQ	0.00	0.00
THCV	8.000	7.00E-6	0.015	<LOQ	<LOQ	0.00	0.00
Total Active THC	8.000			142	0.0142	50.4	50.4
Total Active CBD	8.000			96.0	0.00962	34.1	34.1

Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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Volume: 355 ml

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Servings Per Package:
1

PCR Total Yeast and Mold

Specimen Weight: 475.000 mg

Passed
SOP13.017 (qPCR)

Dilution Factor: 8.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	**<LOQ**

Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1026.800 mg

Passed
SOP13.019 (Micro Array)

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	**Absence in 1g**	E.Coli	**Absence in 1g**
Aspergillus fumigatus	**Absence in 1g**	Salmonella	**Absence in 1g**
Aspergillus niger	**Absence in 1g**	STEC E. Coli	**Absence in 1g**
Aspergillus terreus	**Absence in 1g**		

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1

Heavy Metals

Specimen Weight: 247.000 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 202

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.830	100	1500	<LOQ	Lead (Pb)	11.760	100	500	<LOQ
Cadmium (Cd)	0.640	100	500	<LOQ	Mercury (Hg)	0.580	100	3000	<LOQ

Mycotoxins

Specimen Weight: 610.800 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.460

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	6	20	<LOQ	Aflatoxin G2	0.271	6	20	<LOQ
Aflatoxin B2	0.077	6	20	<LOQ	Ochratoxin A	0.754	3.8	20	<LOQ
Aflatoxin G1	0.304	6	20	<LOQ					

Residual Solvents - FL (CBD)

Specimen Weight: 15.000 mg

Passed
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.009	1.6	8	<LOQ	Heptane	0.001	13.9	5000	<LOQ
1,2-Dichloroethane	0.000	0.4	2	<LOQ	Hexane	0.068	11.7	250	<LOQ
Acetone	0.015	20.8	750	<LOQ	Isopropyl alcohol	0.005	13.9	500	<LOQ
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	7.32
Benzene	0.000	0.2	1	<LOQ	Methylene chloride	0.003	24.3	125	<LOQ
Butanes	0.417	25	5000	<LOQ	Pentane	0.037	20.8	750	<LOQ
Chloroform	0.000	0.4	2	<LOQ	Propane	0.031	58.3	5000	<LOQ
Ethanol	0.002	27.8	5000	63.9	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	<LOQ	Total Xylenes	0.000	29.2	150	<LOQ
Ethyl Ether	0.005	13.9	500	<LOQ	Trichloroethylene	0.001	4.9	25	<LOQ
Ethylene Oxide	0.004	1	5	<LOQ					

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Pesticides Florida

Specimen Weight: 610.800 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.460

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	0.399	23.3	300	<LOQ	Flonicamid	0.466	24.8	2000	<LOQ
Acephate	0.141	24.8	3000	<LOQ	Fludioxonil	0.360	24.8	3000	<LOQ
Acequinocyl	2.178	24.8	2000	<LOQ	Hexythiazox	0.113	24.8	2000	<LOQ
Acetamiprid	0.140	24.8	3000	<LOQ	Imazalil	0.258	24.8	100	<LOQ
Aldicarb	0.203	24.8	100	<LOQ	Imidacloprid	0.402	24.8	3000	<LOQ
Azoxystrobin	0.188	24.8	3000	<LOQ	Kresoxim Methyl	0.182	24.8	1000	<LOQ
Bifenazate	0.086	24.8	3000	<LOQ	Malathion	0.223	24.8	2000	<LOQ
Bifenthrin	0.100	24.8	500	<LOQ	Metalaxyl	0.270	24.8	3000	<LOQ
Boscalid	0.595	24.8	3000	<LOQ	Methiocarb	0.118	24.8	100	<LOQ
Captan	1.850	323	3000	<LOQ	Methomyl	0.064	24.8	100	<LOQ
Carbaryl	0.122	24.8	500	<LOQ	methyl-Parathion	2.390	24.8	100	<LOQ
Carbofuran	0.086	24.8	100	<LOQ	Mevinphos	0.093	24.8	100	<LOQ
Chlorantraniliprole	0.084	24.8	3000	<LOQ	Myclobutanil	0.573	24.8	3000	<LOQ
Chlordane	9.671	24.8	100	<LOQ	Naled	0.069	24.8	500	<LOQ
Chlorfenapyr	1.500	24.8	100	<LOQ	Oxamyl	0.041	24.8	500	<LOQ
Chlormequat Chloride	0.205	24.8	3000	<LOQ	Paclobutrazol	0.065	24.8	100	<LOQ
Chlorpyrifos	0.109	24.8	100	<LOQ	Pentachloronitrobenzene	7.950	24.8	200	<LOQ
Clofentezine	0.212	24.8	500	<LOQ	Permethrin	0.624	24.8	1000	<LOQ
Coumaphos	0.206	24.8	100	<LOQ	Phosmet	0.127	24.8	200	<LOQ
Cyfluthrin	0.980	24.8	1000	<LOQ	Piperonylbutoxide	0.149	24.8	3000	<LOQ
Cypermethrin	0.985	24.8	1000	<LOQ	Prallethrin	1.476	24.8	400	<LOQ
Daminozide	1.655	24.8	100	<LOQ	Propiconazole	0.294	24.8	1000	<LOQ
Diazinon	0.212	24.8	200	<LOQ	Propoxur	0.100	24.8	100	<LOQ
Dichlorvos	1.130	24.8	100	<LOQ	Pyrethrins	0.067	12.9	1000	<LOQ
Dimethoate	0.063	24.8	100	<LOQ	Pyridaben	0.140	24.8	3000	<LOQ
Dimethomorph	2.581	24.8	3000	<LOQ	Spinetoram	0.424	24.8	3000	<LOQ
Ethoprophos	0.151	24.8	100	<LOQ	Spiromesifen	0.120	24.8	3000	<LOQ
Etofenprox	0.172	24.8	100	<LOQ	Spirotetramat	0.211	24.8	30000	<LOQ
Etoxazole	0.866	24.8	1500	<LOQ	Spiroxamine	0.533	24.8	100	<LOQ
Fenhexamid	0.588	24.8	30000	<LOQ	Tebuconazole	0.230	24.8	1000	<LOQ
Fenoxycarb	0.274	24.8	100	<LOQ	Thiacloprid	0.170	24.8	100	<LOQ
Fenpyroximate	0.198	24.8	2000	<LOQ	Thiamethoxam	0.179	24.8	1000	<LOQ
Fipronil	0.317	24.8	100	<LOQ	Trifloxystrobin	0.134	24.8	3000	<LOQ

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