



Certificate of Analysis

Compliance Test

Client Information:

Goated Hemp
3924 W Silver Springs Blvd
Ocala, Florida 34482
License #

Manufacturing Facility:

Blue Mist LLC
1210 West 13th Street
Riviera Beach, Florida 33404

Batch Data:

Batch # GTD1005
Batch Date: 2025-08-05
Extracted From: Hemp

Order Details:

Test Reg State: Florida

Order

BLU250807-060001
Order Date: 2025-08-07
Sample # AAGZ395

Sampling Date:

2025-08-11
Lab Batch Date: 2025-08-11
Completion Date: 2025-08-19

Initial Gross Weight:

42.300 g

Servings Per Package:

1



Product Image



Potency
Tested



Terpenes
Tested



Heavy Metals
Passed



2,3-Butanedione
Passed



Mycotoxins
Passed



Pesticides
Passed



Residual Solvents
Passed



Water Activity
Tested



Pathogenic
Passed



Microbiology (qPCR)
Passed



Vitamin E
Passed

Potency Summary

Missing Net

Weights! Can't calculate per package/serving!

Total Active THC	0.0310%	Total Active CBD	<LOQ
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
Total CBG	6.85%	Total CBN	0.0850%
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
Total Cannabinoids	19.8%	Total DELTA-8-THC	5.98%
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
Total DELTA9-THCP	5.17%		
per Serving	0.00 mg		
per Package	0.00 mg		

* Summary Results determined from two distinct Potency Tests - Potency 11 (LCUV) + Potency 25 (LCUV)



Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	5.216	0.522%
Linalool	1.957	0.196%
alpha-Bisabolol	1.569	0.157%
Guaiol	0.781	0.078%
Fenchyl Alcohol	0.67	0.067%
(R)-(+)-Limonene	0.486	0.049%
trans-Nerolidol	0.459	0.046%
alpha-Humulene	0.451	0.045%
Caryophyllene oxide	0.404	0.04%
Total Terpeneol	0.365	0.037%

Total Terpenes: 1.237%

Detailed Terpenes Analysis is on the following page

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



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, (ug/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (ug/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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Order Date: 2025-08-07
Sample # AAGZ395

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Servings Per Package:
1

Potency 11 (LCUV) + Potency 25 (LCUV) Tested SOP13.001 (LCUV)
Specimen Weight: 1880.410 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
CBGA	150.000	8.000000E-5	0.0125	70.2	7.02	0.00	0.00
Delta-8 THC	150.000	2.600000E-5	0.0125	59.8	5.98	0.00	0.00
Delta-9-THCP	150.000	1.170000E-5	0.01	51.7	5.17	0.00	0.00
Delta-8-THCP	150.000	3.750000E-4	0.0125	7.48	0.748	0.00	0.00
CBG	150.000	2.480000E-4	0.0125	6.84	0.684	0.00	0.00
CBN	150.000	1.400000E-5	0.0125	0.850	0.0850	0.00	0.00
CBT	150.000	2.000000E-4	0.0125	0.640	0.0640	0.00	0.00
THCA-A	150.000	3.200000E-5	0.0125	0.350	0.0350	0.00	0.00
CBC	150.000	1.800000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBD	150.000	5.400000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBDA	150.000	1.000000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBDV	150.000	6.500000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Delta-9 THC	150.000	1.300000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
THCV	150.000	7.000000E-6	0.0125	<LOQ	<LOQ	0.00	0.00
CBCA	150.000	1.070000E-4	0.0125	<LOQ	<LOQ	0.00	0.00
CBDVA	150.000	1.400000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBL	150.000	3.500000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBNA	150.000	9.500000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Delta-8 THC-O Acetate	150.000	2.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Delta-8 THCV	150.000	4.000000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Delta-9 THC-O Acetate	150.000	7.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Exo-THC	150.000	2.300000E-4	0.0125	<LOQ	<LOQ	0.00	0.00
THCB	150.000	1.800000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCH	150.000	3.500000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCVA	150.000	4.700000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Total Active THC	150.000			0.307	0.0310	0.00	0.00
Total Active CBD	150.000			<LOQ	<LOQ	0.00	0.00

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



Definitions are found on page 1

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Servings Per Package:

1

Terpenes				Tested			
Specimen Weight: 206.440 mg				SOP13.045 (GC-MS/GC (Liquid Injection))			
Dilution Factor: 30.000							
Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.002	5.22	0.522	Camphene	0.002	<LOQ	
Linalool	0.002	1.96	0.196	Camphors	0.006	<LOQ	
alpha-Bisabolol	0.002	1.57	0.157	cis-Nerolidol	0.002	<LOQ	
Guaiol	0.002	0.781	0.078	Eucalyptol	0.002	<LOQ	
Fenchyl Alcohol	0.002	0.670	0.067	Farnesene	0.002	<LOQ	
(R)-(+)-Limonene	0.002	0.486	0.049	Fenchone	0.002	<LOQ	
trans-Nerolidol	0.002	0.459	0.046	Gamma-Terpinene	0.002	<LOQ	
alpha-Humulene	0.002	0.451	0.045	Geraniol	0.002	<LOQ	
Caryophyllene oxide	0.002	0.404	0.040	Geranyl acetate	0.002	<LOQ	
Total Terpeneol	0.00126	0.365	0.037	Hexahydrothymol	0.002	<LOQ	
(+)-Cedrol	0.002	<LOQ		Isoborneol	0.002	<LOQ	
3-Carene	0.002	<LOQ		Isopulegol	0.002	<LOQ	
alpha-Cedrene	0.002	<LOQ		Nerol	0.002	<LOQ	
alpha-Phellandrene	0.002	<LOQ		Ocimene	0.00033	<LOQ	
alpha-Pinene	0.002	<LOQ		Pulegone	0.002	<LOQ	
alpha-Terpinene	0.002	<LOQ		Sabinene	0.002	<LOQ	
beta-Myrcene	0.002	<LOQ		Sabinene Hydrate	0.002	<LOQ	
beta-Pinene	0.002	<LOQ		Terpinolene	0.002	<LOQ	
Borneol	0.004	<LOQ		Valencene	0.002	<LOQ	

2,3-butanedione(Diacetyl) Florida

Specimen Weight: 15.500 mg

Dilution Factor: 1.000

Passed
SOP13.039 (GCMS-HS)

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.000	0.2	<LOQ

Water Activity Florida

Specimen Weight: 0.500 g

Dilution Factor: 1.000

Tested
SOP13.016 (Water Activity Analyzer)

Analyte	Acceptable Range (aw)	Result (aw)
Water Activity	.55 - .65	0.634

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1



Total Yeast and Mold

Specimen Weight: 986.600 mg

Dilution Factor: 20.000

Passed

SOP13.017 (qPCR)

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	20600



Pathogenic SAE (qPCR) FL

Specimen Weight: 1022.100 mg

Dilution Factor: 1.000

Passed

SOP13.029 (qPCR)

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Shiga toxin-producing E. coli (STEC)	1	Absence in 1g
Salmonella	1	Absence in 1g			

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Vitamin E (Tocopheryl Acetate)

Specimen Weight: 620.000 mg

Dilution Factor: 2.420

Passed

SOP13.007 (LCMS/GCMS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ



Heavy Metals Florida

Specimen Weight: 250.600 mg

Dilution Factor: 199.521

Passed

SOP13.048 (ICP-MS)

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	0.013	100	200	<LOQ	Lead (Pb)	0.007	100	500	<LOQ
Cadmium (Cd)	0.003	100	200	138	Mercury (Hg)	0.016	100	200	<LOQ



Mycotoxins

Specimen Weight: 620.000 mg

Dilution Factor: 2.420

Passed

SOP13.007 (LCMS/GCMS)

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					

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Residual Solvents - FL (CBD)

Specimen Weight: 300.600 mg

Dilution Factor: 1.000

Passed

SOP13.039 (GCMS-HS)

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	21.0
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	18.3
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	804	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	42.7	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: 620.000 mg

Dilution Factor: 2.420

Passed

SOP13.007 (LCMS/GCMS)

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	100	<LOQ	Fludioxonil	0.360	24.8	100	<LOQ
Acephate	0.141	24.8	100	<LOQ	Hexythiazox	0.113	24.8	100	<LOQ
Acequinocyl	2.178	24.8	100	<LOQ	Imazalil	0.258	24.8	100	<LOQ
Acetamiprid	0.140	24.8	100	<LOQ	Imidacloprid	0.402	24.8	400	<LOQ
Aldicarb	0.203	24.8	100	<LOQ	Kresoxim Methyl	0.182	24.8	100	<LOQ
Azoxystrobin	0.188	24.8	100	<LOQ	Malathion	0.223	24.8	200	<LOQ
Bifenazate	0.086	24.8	100	<LOQ	Metalaxyl	0.270	24.8	100	<LOQ
Bifenthrin	0.100	24.8	100	<LOQ	Methiocarb	0.118	24.8	100	<LOQ
Boscalid	0.595	24.8	100	<LOQ	Methomyl	0.064	24.8	100	<LOQ
Captan	1.850	323	700	<LOQ	methyl-Parathion	2.390	24.8	100	<LOQ
Carbaryl	0.122	24.8	500	<LOQ	Mevinphos	0.093	24.8	100	<LOQ
Carbofuran	0.086	24.8	100	<LOQ	Myclobutanil	0.573	24.8	24.8	<LOQ
Chlorantraniliprole	0.084	24.8	1000	<LOQ	Naled	0.069	24.8	250	<LOQ
Chlordane	9.671	24.8	100	<LOQ	Oxamyl	0.041	24.8	500	<LOQ
Chlorfenapyr	1.500	24.8	100	<LOQ	Paclobutrazol	0.186	24.8	100	<LOQ
Chlormequat Chloride	0.205	24.8	1000	<LOQ	Pentachloronitrobenzene	7.950	24.8	150	<LOQ
Chlorpyrifos	0.109	24.8	100	<LOQ	Permethrin	0.624	24.8	100	<LOQ
Clofentezine	0.212	24.8	200	<LOQ	Phosmet	0.127	24.8	100	<LOQ
Coumaphos	0.206	24.8	100	<LOQ	Piperonylbutoxide	0.149	24.8	3000	<LOQ
Cyfluthrin	0.980	24.8	500	<LOQ	Prallethrin	1.476	24.8	100	<LOQ
Cypermethrin	0.985	24.8	500	<LOQ	Propiconazole	0.294	24.8	100	<LOQ
Daminozide	1.655	24.8	100	<LOQ	Propoxur	0.100	24.8	100	<LOQ
Diazinon	0.212	24.8	100	<LOQ	Pyrethrins	0.067	12.9	500	<LOQ
Dichlorvos	1.130	24.8	100	<LOQ	Pyridaben	0.140	24.8	200	<LOQ
Dimethoate	0.063	24.8	100	<LOQ	Spinetoram	0.424	24.8	200	<LOQ
Dimethomorph	2.581	24.8	200	<LOQ	Spinosad	0.028	24.8	100	<LOQ
Ethoprophos	0.151	24.8	100	<LOQ	Spiromesifen	0.120	24.8	100	<LOQ
Etofenprox	0.172	24.8	100	<LOQ	Spirotetramat	0.211	24.8	100	<LOQ
Etoxazole	0.866	24.8	100	<LOQ	Spiroxamine	0.533	24.8	100	<LOQ
Fenhexamid	0.588	24.8	100	<LOQ	Tebuconazole	0.230	24.8	100	<LOQ
Fenoxycarb	0.274	24.8	100	<LOQ	Thiacloprid	0.170	24.8	100	<LOQ
Fenpyroximate	0.198	24.8	100	<LOQ	Thiamethoxam	0.179	24.8	500	<LOQ
Fipronil	0.317	24.8	100	<LOQ	Trifloxystrobin	0.134	24.8	100	<LOQ
Flonicamid	0.466	24.8	100	<LOQ					

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Definitions are found on page 1

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