



Certificate of Analysis
Compliance Test

Client Information: Blue Mist LLC 1210 West 13th Street Riviera Beach, Florida 33404	Manufacturing Facility: Blue Mist LLC 1210 West 13th Street Riviera Beach, Florida 33404	Batch Data: Batch # 0825 Batch Date: 2025-08-25 Extracted From: Hemp	Order Details: Test Reg State: Florida
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Order # BLU250825-030003 Order Date: 2025-08-25 Sample # AAHA751	Sampling Date: 2025-08-26 Lab Batch Date: 2025-08-26 Completion Date: 2025-09-03	Initial Gross Weight: 33.500 g	Net Weight per Package: 1000.000 mg Sampling Method: MSP 7.3.1	Net Weight per Serving: 1000 mg Servings Per Package: 1
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Product Image

Potency 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

Delta 9 THC	<LOQ	Total Active CBD	0.0640%
per Serving	0.00 mg	per Serving	0.641 mg
per Package	0.00 mg	per Package	0.641 mg
Total CBG	8.30%	Total CBN	0.529%
per Serving	83.0 mg	per Serving	5.29 mg
per Package	83.0 mg	per Package	5.29 mg
Total Cannabinoids	26.4%	Total Active THC	0.0351%
per Serving	264 mg	per Serving	0.351 mg
per Package	264 mg	per Package	0.351 mg
Total DELTA-8-THC	7.31%	Total DELTA9-THCP	8.02%
per Serving	73.1 mg	per Serving	80.2 mg
per Package	73.1 mg	per Package	80.2 mg

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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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Batch # 0825
Batch Date: 2025-08-25
Extracted From: Hemp

Order Details:

Test Reg State: Florida

Order #

BLU250825-030003
Order Date: 2025-08-25
Sample # AAHA751

Sampling Date: 2025-08-26

Lab Batch Date: 2025-08-26
Completion Date: 2025-09-03

Initial Gross Weight: 33.500 g

Net Weight per Package:

1000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:

1000 mg
Servings Per Package:
1



Potency 25 (LCUV)

Specimen Weight: 951.170 mg

Tested

SOP13.001 (LCUV)

Pieces For Panel: 1

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
CBGA	15,000	8.000000E-5	0.0125	87.8	8.78	87.8	87.8
Delta9-THCP	15,000	1.170000E-5	0.01	80.2	8.02	80.2	80.2
Delta-8 THC	15,000	2.600000E-5	0.0125	73.1	7.31	73.1	73.1
CBG	15,000	2.480000E-4	0.0125	5.93	0.593	5.93	5.93
CBNA	15,000	9.500000E-5	0.0125	5.04	0.504	5.04	5.04
CBCA	15,000	1.070000E-4	0.0125	3.79	0.379	3.79	3.79
CBC	15,000	1.800000E-5	0.0125	2.69	0.269	2.69	2.69
Delta8-THCP	15,000	3.750000E-4	0.0125	1.31	0.131	1.31	1.31
Delta-8 THCv	15,000	4.000000E-5	0.0125	1.02	0.102	1.02	1.02
CBN	15,000	1.400000E-5	0.0125	0.870	0.0870	0.870	0.870
CBT	15,000	2.000000E-4	0.0125	0.810	0.0810	0.810	0.810
THCA-A	15,000	3.200000E-5	0.0125	0.400	0.0400	0.400	0.400
CBD	15,000	5.400000E-5	0.0125	0.360	0.0360	0.360	0.360
CBDA	15,000	1.000000E-5	0.0125	0.320	0.0320	0.320	0.320
THCV	15,000	7.000000E-6	0.0125	0.210	0.0210	0.210	0.210
CBDV	15,000	6.500000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBDVA	15,000	1.400000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBL	15,000	3.500000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Delta-8 THC-O Acetate	15,000	2.700000E-5	0.1	<LOQ	<LOQ	0.00	0.00
Delta-9 THC	15,000	1.300000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Delta-9 THC-O Acetate	15,000	7.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Exo-THC	15,000	2.300000E-4	0.0125	<LOQ	<LOQ	0.00	0.00
THCB	15,000	1.800000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCH	15,000	3.500000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCVA	15,000	4.700000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Total Active THC	15,000			0.351	0.0351	0.351	0.351
Total Active CBD	15,000			0.641	0.0641	0.641	0.641

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2,3-butanedione(Diacetyl) Florida Specimen Weight: 16.900 mg	Passed SOP13.039 (GCMS-HS)		
Dilution Factor: 1.000			
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.000	0.2	<LOQ

Water Activity Florida Specimen Weight: 0.500 g	Tested SOP13.016 (Water Activity Analyzer)	
Dilution Factor: 1.000		
Analyte	Acceptable Range (aw)	Result (aw)
Water Activity	.55 - .65	0.565

Total Yeast and Mold Specimen Weight: 985.600 mg	Passed SOP13.017 (qPCR)		
Dilution Factor: 20.000			
Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	94900

Pathogenic SAE (qPCR) FL Specimen Weight: 1013.100 mg	Passed SOP13.029 (qPCR)				
Dilution Factor: 1.000					
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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E Vitamin E (Tocopheryl Acetate) Specimen Weight: 586.900 mg	Passed SOP13.007 (LCMS/GCMS)			
Dilution Factor: 2.560				
Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ

H Heavy Metals Florida Specimen Weight: 251.000 mg	Passed SOP13.051 (ICP-3; icp-1)								
Dilution Factor: 199.203									
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	172	Mercury (Hg)	0.016	100	200	<LOQ

Mycotoxins Specimen Weight: 586.900 mg	Passed SOP13.007 (LCMS/GCMS)								
Dilution Factor: 2.560									
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) **Passed**
Specimen Weight: 1.900 mg 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	10.3
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	628	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	92.7	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: 586.900 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.560

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result	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	Pacllobutrazol	0.186	24.8	100	<LOQ
Chloromequat 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
Fonicamid	0.466	24.8	100	<LOQ					

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