



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

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



Product Image



**Potency
Tested**



**Heavy Metals
Passed**



**2-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

Aixia 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, (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.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number



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

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

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



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number



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

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



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			

Aixia Sun

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



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number



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

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



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



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					

Aixia Sun

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



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number

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

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

Residual Solvents - FL (CBD)

Specimen Weight: 1.900 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	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					

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number.



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

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

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 (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 MethyI	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	Metaxalyl	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	methyI-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					

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



Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard. The scope of this analysis is limited to the parameters listed in this COA. Testing for food additives (e.g., preservatives, colorant, flavor enhancers) was not conducted. Therefore, no conclusions should be drawn regarding the presence or absence of such additives. The current and valid permit number for the facility issued by a human health or food safety regulatory entity with authority over the facility is stated above, and that the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity and evidenced by the valid permit number