

Certificate of Analysis

Blum Botanicals Blue Lotus 2 Gram Preroll - Blue Dream

Client: Blum Botanicals LLC

Analysis Summary

	Percent (%)	mg/serving
Nuciferine	ND	ND
Apomorphine	ND	ND

Sample Name:

Blum Botanicals Blue Lotus
2 Gram Preroll - Blue Dream

Batch Number:

AU-WBM-15445

Unit Mass:

1.07 g per unit

Sample ID:

97460818-10

Date Received:

8/18/26

Marie

Approved By:

Marie True, M.S.

Laboratory Manager



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References: limit of quantitation (LOQ), not detected (ND), not tested (NT)

FESA Labs

2002 South Grand Avenue Suite A
Santa Ana, CA 92705
(657) 317-7716
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Certificate of Analysis

Alkaloid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Percent (%)	mg/serving
Nuciferine	0.003	0.011	ND	ND
Apomorphine	0.012	0.031	ND	ND

Method References:

HPLC SOP K5316L - Diode Array Detector, Liquid Chromatography.

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Blum Botanicals Blue Lotus 2 Gram Preroll - Blue Dream

Client: Blum Botanicals LLC

Sample Name: Blum Botanicals Blue Lotus 2 Gram Preroll - Blue Dream
Batch Number: AU-WBM-15445Matrix: Plant
Unit Mass: 1.07 g per unitSample ID: 97460818-10
Date Received: 8/18/2026

Total CBD	ND
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Delta 9-THC	ND
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THCA	ND
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Total Cannabinoids	ND
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Analysis Summary

Residual Pesticides	Pass
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Mycotoxins	Pass
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Heavy Metals	Pass
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Microbial Impurities	Pass
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Client: Blum Botanicals LLC

Cannabinoid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)
CBDV	0.0035	0.011	ND	ND
THCV	0.0036	0.012	ND	ND
CBD	0.0030	0.0090	ND	ND
CBG	0.0038	0.011	ND	ND
CBDA	0.0017	0.0052	ND	ND
CBGA	0.0030	0.010	ND	ND
CBN	0.00080	0.0024	ND	ND
Delta 9-THC	0.0022	0.0067	ND	ND
Delta 8-THC	0.0020	0.0059	ND	ND
CBD Diacetate	0.00040	0.0012	ND	ND
9(S)-HHC	0.0036	0.012	ND	ND
9(R)-HHC	0.0073	0.024	ND	ND
9(S)-Δ6a,10a-THC	0.0030	0.010	ND	ND
9(R)-Δ6a,10a-THC	0.0036	0.012	ND	ND
(6aR,9S)-Δ10-THC	0.0073	0.024	ND	ND
(6aR,9R)-Δ10-THC	0.014	0.047	ND	ND
CBC	0.00070	0.0021	ND	ND
D9-THCH	0.0036	0.012	ND	ND
9(S)-HHCH	0.00030	0.0010	ND	ND
9(R)-HHCH	0.00036	0.0012	ND	ND
Delta 9-THCP	0.00030	0.0010	ND	ND
Delta 8-THCP	0.00064	0.0021	ND	ND
9(S)-HHCP	0.0076	0.025	ND	ND
9(R)-HHCP	0.0036	0.012	ND	ND
THC-O-Acetate	0.0014	0.0046	ND	ND
9S-HHC-O-Acetate	0.0030	0.010	ND	ND
9R-HHC-O-Acetate	0.0036	0.012	ND	ND
THCA	0.0024	0.0073	ND	ND
9(S)-HHCP	0.0073	0.024	ND	ND
9(R)-HHCP	0.013	0.044	ND	ND
Total CBD			ND	ND
Total THC			ND	ND
Total Cannabinoids			ND	ND

Date Tested: 8/19/2026

Total THC = THCa * 0.877 + d9-THC + d8-THC

Total CBD = CBDa * 0.877 + CBD

THC-O-Acetate = d9-THC-O-Ac + d8-THC-O-Ac

Pesticide Analysis

Pass

Analyte	LOQ (ppm)	Limit (ppm)	Mass (ppm)	Status
Abamectin	0.050	0.10	ND	Pass
Acephate	0.050	0.10	ND	Pass
Acequinocyl	0.050	0.10	ND	Pass
Acetamiprid	0.050	0.10	ND	Pass
Aldicarb	0.050	0.00	ND	Pass
Azoxystrobin	0.050	0.10	ND	Pass
Bifenazate	0.050	0.10	ND	Pass
Bifenthrin	0.050	3.00	ND	Pass
Boscalid	0.050	0.10	ND	Pass
Captan	0.050	0.70	ND	Pass

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Pesticide Analysis

Pass

Analyte	LOQ (ppm)	Limit (ppm)	Mass (ppm)	Status
Carbaryl	0.050	0.50	ND	Pass
Carbofuran	0.050	0.00	ND	Pass
Chlorantranilprole	0.050	10.00	ND	Pass
Chlordane	0.050	0.00	ND	Pass
Chlorfenapyr	0.050	0.00	ND	Pass
Chlormequat Chloride	0.050	0.20	ND	Pass
Chlorpyrifos	0.050	0.00	ND	Pass
Clofentezine	0.050	0.10	ND	Pass
Coumaphos	0.050	0.00	ND	Pass
Cyfluthrin	0.050	2.00	ND	Pass
Cypermethrin	0.050	1.00	ND	Pass
Daminozide	0.050	0.00	ND	Pass
DDVP	0.050	0.00	ND	Pass
Diazinon	0.050	0.10	ND	Pass
Dimethoate	0.050	0.00	ND	Pass
Dimethomorph	0.050	2.00	ND	Pass
Ethoprophos	0.050	0.00	ND	Pass
Etofenprox	0.050	0.00	ND	Pass
Etoxazole	0.050	0.10	ND	Pass
Fenhexamid	0.050	0.10	ND	Pass
Fenoxycarb	0.050	0.00	ND	Pass
Fenpyroximate	0.050	0.10	ND	Pass
Fipronil	0.050	0.00	ND	Pass
Flonicamid	0.050	0.10	ND	Pass
Fludioxonil	0.050	0.10	ND	Pass
Hexythiazox	0.050	0.10	ND	Pass
Imazalil	0.050	0.00	ND	Pass
Imidacloprid	0.050	5.00	ND	Pass
Kresoxim Methyl	0.050	0.10	ND	Pass
Malathion	0.050	0.50	ND	Pass
Metalaxyl	0.050	2.00	ND	Pass
Methiocarb	0.050	0.00	ND	Pass
Methomyl	0.050	1.00	ND	Pass
Methyl Parathion	0.050	0.00	ND	Pass
Mevinphos	0.050	0.00	ND	Pass
Myclobutanil	0.050	0.10	ND	Pass
Naled	0.050	0.10	ND	Pass
Oxamyl	0.050	0.50	ND	Pass
Paclobutrazol	0.050	0.00	ND	Pass
Pentachloronitrobenzene	0.050	0.10	ND	Pass
Permethrin	0.050	0.50	ND	Pass
Phosmet	0.050	0.10	ND	Pass
Piperonyl Butoxide	0.050	3.00	ND	Pass
Prallethrin	0.050	0.10	ND	Pass
Propiconazole	0.050	0.10	ND	Pass
Propoxur	0.050	0.00	ND	Pass
Pyrethrins	0.050	0.50	ND	Pass
Pyridaben	0.050	0.10	ND	Pass
Spinetoram	0.050	0.10	ND	Pass
Spinosad	0.050	0.10	ND	Pass
Spiromesifen	0.050	0.10	ND	Pass
Spirotetramat	0.050	0.10	ND	Pass
Spiroxamine	0.050	0.00	ND	Pass
Tebuconazole	0.050	0.10	ND	Pass
Thiacloprid	0.050	0.00	ND	Pass

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Pesticide Analysis

Pass

Analyte	LOQ (ppm)	Limit (ppm)	Mass (ppm)	Status
Thiamethoxam	0.050	5.00	ND	Pass
Trifloxystrobin	0.050	0.10	ND	Pass

Date Tested: 8/19/2026

Mycotoxins

Pass

Analyte	LOQ (µg/g)	Limit (µg/g)	Mass (µg/g)	Status
Aflatoxin B1	0.02	0.02	ND	Pass
Aflatoxin B2	0.02	0.02	ND	Pass
Aflatoxin G1	0.02	0.02	ND	Pass
Aflatoxin G2	0.02	0.02	ND	Pass
Ochratoxin A	0.02	0.02	ND	Pass

Date Tested: 8/19/2026

Heavy Metals Analysis

Pass

Analyte	LOQ (µg/g)	Limit (µg/g)	Mass (µg/g)	Status
Arsenic	0.050	0.200	ND	Pass
Cadmium	0.050	0.200	ND	Pass
Lead	0.125	0.500	ND	Pass
Mercury	0.025	0.100	ND	Pass

Date Tested: 8/20/2026

Microbial Analysis

Pass

Test	Result (CFU/g)	Status
<i>Aspergillus flavus</i>	Absent / 1g	Pass
<i>Aspergillus fumigatus</i>	Absent / 1g	Pass
<i>Aspergillus niger</i>	Absent / 1g	Pass
<i>Aspergillus terreus</i>	Absent / 1g	Pass
Shiga-toxin producing <i>Escherichia coli</i>	Absent / 1g	Pass
<i>Salmonella</i>	Absent / 1g	Pass

Date Tested: 8/21/2026

CFU = Colony Forming Units

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Method References:

Hemp Profile (SOP HPLC Hemp by UV-Detection)

Multi-Residue Pesticide Analysis - (AOAC_200701)

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

Mycotoxins Analysis - 5 compounds (FDA_MYC)

Determination of Mycotoxins in Corn, Peanut Butter and Wheat Flour Using Stable Isotope Dilution Assay (SIDA) and Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS) (modified).

Heavy Metals Analysis - 4 elements (EPA_200.8)

Methods for the Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994.

"Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Mass Spectrometry", USEPA Method 200.8, Revision 5.1, EMMC Version (modified).

Microbial Analysis - (FDABAM_4A_5_18)

U.S. Food and Drug Administration, Bacteriological Analytical Manual, Chapter 4A, Diarrheagenic Escherichia coli; Chapter 5, Salmonella; Chapter 18, Yeasts, Molds and Mycotoxins (modified).