



**Report To:** Lume Cannabis Co.  
**Address:** 9741 South Industrial Park Dr.  
Ewart, MI, 49631, USA  
**Customer License No.:** AU-G-C-000118  
**Report Date:** 11/10/2021

**Customer Unique ID:** Blue Dream Flower  
**Source METRC ID:** 1A4050300007469000005193  
**Sample METRC ID:** 1A4050300007469000005203  
**Date Sample Collected/Received:** 11/05/2021  
**Date Testing Completed:** 11/10/2021  
**Overall Result:** **FAIL**

## Certificate of Analysis for Sample No. BC-21-CS-27127 v1

Date Authorized: 11/10/2021

Total Number of Pages: 4



This report is issued under the authority of:

**Michele A. Glinn, PhD**

Chief Science Officer

This report shall not be reproduced except in full without the written approval of the laboratory.

The results relate only the sample(s) as collected and / or received by the laboratory.

Additional information regarding the test methods used by the laboratory is available upon request.

Action limits listed are those for only cannabis and cannabis derived products as determined by the State of Michigan.

Ph: (833) 847-4347 Email: [AnalyticalServices@viridisgrp.com](mailto:AnalyticalServices@viridisgrp.com), Website: [viridis-labs.com](http://viridis-labs.com)



Patient Focused  
Certification

Viridis Laboratories (Lansing) and Viridis North (Bay City) are both ISO 17025: 2017 accredited.



**Sample No.:** BC-21-CS-27127  
**Sample Matrix:** Bud/ Flower  
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**Date Testing Completed:** 11/10/2021



Test Menu	Percent	Level Detected	Units	Completed	Lab
<b>Cannabinoids/Potency</b>				11/10/2021	BC
<b>Total THC</b>	19.743%	197.432	mg/g		
<b>Total CBD</b>	0.048%	0.480	mg/g		
<b>Total Cannabinoids</b>	23.180%	231.802	mg/g		
Delta-8-Tetrahydrocannabinol (Delta 8-THC)	0.000%	0.000	mg/g		
Cannabichromene (CBC)	0.000%	0.000	mg/g		
Cannabichromenic Acid (CBCA)	0.340%	3.404	mg/g		
Cannabidiol (CBD)	0.000%	0.000	mg/g		
Cannabidiolic Acid (CBDA)	0.055%	0.547	mg/g		
Cannabigerol (CBG)	0.072%	0.721	mg/g		
Cannabigerolic Acid (CBGA)	0.238%	2.378	mg/g		
Cannabinol (CBN)	0.000%	0.000	mg/g		
Delta 9-Tetrahydrocannabinol (THC)	0.264%	2.636	mg/g		
Tetrahydrocannabinolic Acid (THCA)	22.212%	222.116	mg/g		

Test Menu	Percent	Level Detected	Units	Completed	Lab
<b>*Terpenes</b>				11/9/2021	BC
<b>Total Terpenes</b>	0.685%	6.850	mg/g		
β-Myrcene	0.286%	2.857	mg/g		
α-Pinene	0.157%	1.571	mg/g		
Caryophyllene	0.092%	0.923	mg/g		
β-Pinene	0.064%	0.636	mg/g		
Linalool	0.033%	0.327	mg/g		
D-Limonene	0.028%	0.282	mg/g		
Humulene	0.025%	0.254	mg/g		
Terpinolene	0.000%	0.000	mg/g		
p-Cymene	0.000%	0.000	mg/g		
Ocimene 2	0.000%	0.000	mg/g		
cis-Ocimene	0.000%	0.000	mg/g		
Geraniol	0.000%	0.000	mg/g		
Eucalyptol	0.000%	0.000	mg/g		
3-Carene	0.000%	0.000	mg/g		
(-)-Isopulegol	0.000%	0.000	mg/g		



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Test Menu	Result	Level Detected	Action Limit	Units	Completed	Lab
<b>Moisture Content</b>					11/8/2021	BC
Moisture Content	TESTED	11.510	N/A	%		
<b>Water Activity</b>					11/8/2021	BC
Water activity	PASS	0.555	0.650	Aw		
<b>Microbial</b>					11/10/2021	BC
STEC E. Coli	PASS	Not Detected	Detected			
Salmonella spp.	PASS	Not Detected	Detected			
Aspergillus spp.	PASS	Not Detected	Detected			
Total Yeast & Mold	FAIL	490000	100000	CFU/g		
Total Coliform Bacteria	PASS	<100	1000	CFU/g		
<b>Heavy Metal</b>					11/8/2021	BC
Arsenic	PASS	0.000	0.400	ppm		
Cadmium	PASS	0.002	0.400	ppm		
Mercury	PASS	0.001	0.200	ppm		
Lead	PASS	0.002	1.000	ppm		
Chromium	PASS	0.045	1.200	ppm		
Nickel	PASS	0.784	1.000	ppm		

Test Menu	Result	Level Detected	Completed	Lab
<b>Foreign Matter Inspection</b>	PASS	Less than 5 percent stems present and less than 2 percent foreign matter with no inorganic material observed.	11/8/2021	BC

Test Menu	Result	Level Detected	Action Limit	Units	Completed	Lab
<b>Chemical Residue</b>	PASS				11/9/2021	BC

*No Reportable Analytes Detected*



## Calculations:

Total THC = (THCA\*0.877) + THC  
 Total CBD = (CBDA\*0.877) + CBD  
 Total Cannabinoids = the summation of all cannabinoids analyzed and listed on this report  
 Total Terpenes = the summation of all terpenes analyzed and listed on this report

## Laboratories:

LN: 2827 E. Saginaw st, East Lansing, MI, 48823, USA  
 BC: 1424 Straits Dr, Bay City, MI 48706, USA

## Methods:

Potency (Cannabinoids): UHPLC-DAD	Foreign Matter: Macroscopic analysis and photographic imaging
*Terpenes: GC-MS	Moisture Content & Water Activity: Aqualab/Dew Point
Heavy Metals: ICP-MS	Vitamin E Acetate: LC-MS/MS (Lansing primary) or UHPLC-DAD (Bay City, Lansing alternative)
Pesticides: LC-MS/MS	Qualitative Microbial Analysis (Yeast and Mold, Coliforms): Optical Density
Residual Solvents: GC-MS	Qualitative Microbial Analysis (Aspergillus, Salmonella, STEC): PCR
Yeast and Mold (alternative): Petrifilm plating	

## Notes:

\*Terpenes - The analysis is not evaluated by the MRA.

----- END OF REPORT -----

*Ensuring Health & Safety Within Michigan's Cannabis Industry.*



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