



Report To: Lume Cannabis Co.
Address: 9741 South Industrial Park Dr.
Ewart, MI, 49631, USA
Customer License No.: AU-G-C-000118
Report Date: 11/15/2021

Customer Unique ID: Uncle Bruce Flower
Source METRC ID: 1A4050300007469000005189
Sample METRC ID: 1A4050300007469000005199
Date Sample Collected/Received: 11/09/2021
Date Testing Completed: 11/14/2021
Overall Result: **FAIL**

Certificate of Analysis for Sample No. BC-21-CS-27282 v1

Date Authorized: 11/15/2021

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, Website: 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-27282
Sample Matrix: Bud/ Flower
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Date Testing Completed: 11/14/2021



Test Menu	Percent	Level Detected	Units	Completed	Lab
Cannabinoids/Potency				11/14/2021	BC
Total THC	30.146%	301.463	mg/g		
Total CBD	0.073%	0.727	mg/g		
Total Cannabinoids	36.655%	366.546	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)	0.684%	6.839	mg/g		
Cannabidiol (CBD)	0.000%	0.000	mg/g		
Cannabidiolic Acid (CBDA)	0.083%	0.829	mg/g		
Cannabigerol (CBG)	0.102%	1.016	mg/g		
Cannabigerolic Acid (CBGA)	1.474%	14.742	mg/g		
Cannabinol (CBN)	0.000%	0.000	mg/g		
Delta 9-Tetrahydrocannabinol (THC)	0.445%	4.446	mg/g		
Tetrahydrocannabinolic Acid (THCA)	33.867%	338.674	mg/g		

Test Menu	Percent	Level Detected	Units	Completed	Lab
*Terpenes				11/11/2021	BC
Total Terpenes	0.837%	8.365	mg/g		
β-Myrcene	0.231%	2.311	mg/g		
D-Limonene	0.184%	1.843	mg/g		
Caryophyllene	0.183%	1.832	mg/g		
Linalool	0.105%	1.051	mg/g		
Humulene	0.056%	0.564	mg/g		
β-Pinene	0.047%	0.468	mg/g		
α-Pinene	0.030%	0.296	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
Moisture Content					11/10/2021	BC
Moisture Content	TESTED	13.030	N/A	%		
Water Activity					11/10/2021	BC
Water activity	PASS	0.620	0.650	Aw		
Microbial					11/14/2021	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		
Heavy Metal					11/11/2021	BC
Arsenic	PASS	0.001	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	0.023	1.200	ppm		
Nickel	PASS	0.303	1.000	ppm		

Test Menu	Result	Level Detected	Completed	Lab
Foreign Matter Inspection	PASS	Less than 5 percent stems present and less than 2 percent foreign matter with no inorganic material observed.	11/10/2021	BC

Test Menu	Result	Level Detected	Action Limit	Units	Completed	Lab
Chemical Residue	PASS				11/11/2021	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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