VIRIDIS® LABORATORIES

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

Customer Unique ID: Uncle Bruce Popcorn
Source METRC ID: 1A4050300007469000005191
Sample METRC ID: 1A4050300007469000005205
Date Sample Collected/Received: 11/09/2021
Date Testing Completed: 11/14/2021
Overall Result: PASS

Certificate of Analysis for Sample No. BC-21-CS-27283 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

ACCREDITED CERT #5729.01 ACCREDITED CERT #5729.02 ASA PFC Patient Focused Certification
Viridis Laboratories (Lansing) and Viridis North (Bay City) are both ISO 17025: 2017 accredited.

VIRIDIS LABORATORIES

Certificate of Analysis

Sample No.: BC-21-CS-27283
Sample Matrix: Bud/ Flower
Sample METRC ID: 1A4050300007469000005205
Customer Unique ID: Uncle Bruce Popcorn
Date Sample Collected/Received: 11/09/2021
Date Testing Completed: 11/14/2021

Test Menu	Percent	Level Detected	Units	Completed	Lab
Cannabinoids/Potency				11/14/2021	BC
Total THC	22.229%	222.292	mg/g		
Total CBD	0.050%	0.498	mg/g		
Total Cannabinoids	27.081%	270.814	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)	0.584%	5.842	mg/g		
Cannabidiol (CBD)	0.000%	0.000	mg/g		
Cannabidiolic Acid (CBDA)	0.057%	0.568	mg/g		
Cannabigerol (CBG)	0.068%	0.680	mg/g		
Cannabigerolic Acid (CBGA)	1.078%	10.775	mg/g		
Cannabinol (CBN)	0.000%	0.000	mg/g		
Delta 9-Tetrahydrocannabinol (THC)	0.371%	3.708	mg/g		
Tetrahydrocannabinolic Acid (THCA)	24.924%	249.241	mg/g		

Test Menu	Percent	Level Detected	Units	Completed	Lab
***Terpenes**				11/11/2021	BC
Total Terpenes	0.537%	5.365	mg/g		
D-Limonene	0.126%	1.262	mg/g		
Caryophyllene	0.118%	1.182	mg/g		
ß-Myrcene	0.104%	1.035	mg/g		
Linalool	0.091%	0.912	mg/g		
ß-Pinene	0.039%	0.389	mg/g		
Humulene	0.035%	0.349	mg/g		
a-Pinene	0.024%	0.236	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	11.650	N/A	%		
Water Activity					11/10/2021	BC
Water activity	PASS	0.562	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	PASS	20000	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	0.002	0.200	ppm		
Lead	PASS	0.004	1.000	ppm		
Chromium	PASS	0.022	1.200	ppm		
Nickel	PASS	0.345	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
*Terpenes: GC-MS
Heavy Metals: ICP-MS
Pesticides: LC-MS/MS
Residual Solvents: GC-MS
Yeast and Mold (alternative): Petrifilm plating
Foreign Matter: Macroscopic analysis and photographic imaging
Moisture Content & Water Activity: Aqualab/Dew Point
Vitamin E Acetate: LC-MS/MS (Lansing primary) or UHPLC-DAD (Bay City, Lansing alternative)
Qualitative Microbial Analysis (Yeast and Mold, Coliforms): Optical Density
Qualitative Microbial Analysis (Aspergillus, Salmonella, STEC): PCR

Notes:

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

END OF REPORT

Ensuring Health & Safety Within Michigan's Cannabis Industry.