



Report To: Lume Cannabis Co.
Address: 9741 South Industrial Park Dr.
Ewart, MI, 49631, USA
Customer License No.: AU-P-000122
Report Date: 11/08/2021

Customer Unique ID: THCa Diamonds
Source METRC ID: 1A4050300009A4D000004863
Sample METRC ID: 1A4050300009A4D000004872
Date Sample Collected/Received: 11/02/2021
Date Testing Completed: 11/08/2021
Overall Result: **PASS**

Certificate of Analysis for Sample No. BC-21-CS-26845 v1

Date Authorized: 11/08/2021

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-26845
Sample Matrix: Cannabis Concentrate - Non Solvent based
Sample METRC ID: 1A4050300009A4D000004872
Customer Unique ID: THCa Diamonds
Date Sample Collected/Received: 11/02/2021
Date Testing Completed: 11/08/2021



Test Menu	Percent	Level Detected	Units	Completed	Lab
Cannabinoids/Potency				11/8/2021	BC
Total THC	85.626%	856.263	mg/g		
Total CBD	0.000%	0.000	mg/g		
Total Cannabinoids	90.035%	900.347	mg/g		
Delta-8-Tetrahydrocannabinol (Delta 8-THC)	0.842%	8.421	mg/g		
Cannabichromene (CBC)	0.000%	0.000	mg/g		
Cannabichromenic Acid (CBCA)	0.132%	1.320	mg/g		
Cannabidiol (CBD)	0.000%	0.000	mg/g		
Cannabidiolic Acid (CBDA)	0.000%	0.000	mg/g		
Cannabigerol (CBG)	0.372%	3.724	mg/g		
Cannabigerolic Acid (CBGA)	0.727%	7.271	mg/g		
Cannabinol (CBN)	0.206%	2.064	mg/g		
Delta 9-Tetrahydrocannabinol (THC)	63.605%	636.046	mg/g		
Tetrahydrocannabinolic Acid (THCA)	24.150%	241.501	mg/g		

Test Menu	Percent	Level Detected	Units	Completed	Lab
*Terpenes				11/8/2021	BC
Total Terpenes	0.147%	1.473	mg/g		
D-Limonene	0.070%	0.699	mg/g		
Caryophyllene	0.048%	0.482	mg/g		
Humulene	0.016%	0.157	mg/g		
α -Pinene	0.014%	0.135	mg/g		
Terpinolene	0.000%	0.000	mg/g		
β -Pinene	0.000%	0.000	mg/g		
β -Myrcene	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		
Linalool	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		



Patient Focused
Certification

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



Sample No.: BC-21-CS-26845
Sample Matrix: Cannabis Concentrate - Non Solvent based
Sample METRC ID: 1A4050300009A4D000004872
Customer Unique ID: THCa Diamonds
Date Sample Collected/Received: 11/02/2021
Date Testing Completed: 11/08/2021



Test Menu	Result	Level Detected	Action Limit	Units	Completed	Lab
Microbial					11/8/2021	BC
STEC E. Coli	PASS	Not Detected	Detected			
Salmonella spp.	PASS	Not Detected	Detected			
Aspergillus spp.	PASS	Not Detected	Detected			
Total Yeast & Mold	PASS	<100	1000	CFU/g		
Total Coliform Bacteria	PASS	<100	100	CFU/g		
Heavy Metal					11/4/2021	BC
Arsenic	PASS	0.002	0.200	ppm		
Cadmium	PASS	0.000	0.200	ppm		
Mercury	PASS	0.001	0.100	ppm		
Lead	PASS	0.001	0.500	ppm		
Chromium	PASS	0.093	0.600	ppm		
Nickel	PASS	0.045	0.500	ppm		
Copper	TESTED	0.150	N/A	ppm		

Test Menu	Result	Level Detected	Completed	Lab
Foreign Matter Inspection	PASS	No stems or foreign matter present.	11/4/2021	BC

Test Menu	Result	Level Detected	Action Limit	Units	Completed	Lab
Chemical Residue	PASS				11/8/2021	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

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.

Laboratories:

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



Patient Focused
Certification

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



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

Ensuring Health & Safety Within Michigan's Cannabis Industry.



Patient Focused
Certification

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

