



Report To: Lume Cannabis Co.
Address: 9741 South Industrial Park Dr.
Ewart, MI, 49631, USA
Customer License No.: AU-G-C-000107
Report Date: 09/07/2021

Customer Unique ID: Deep Breath Flower
Source METRC ID: 1A4050300007469000004973
Sample METRC ID: 1A4050300007469000004976
Date Sample Collected/Received: 08/31/2021
Date Testing Completed: 09/07/2021
Overall Result: **PASS**

Certificate of Analysis for Sample No. BC-21-CS-22100 v1

Date Authorized: 9/07/2021

Total Number of Pages: 5



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-22100
Sample Matrix: Bud/ Flower
Sample METRC ID: 1A4050300007469000004976
Customer Unique ID: Deep Breath Flower
Date Sample Collected/Received: 08/31/2021
Date Testing Completed: 09/07/2021



Test Menu	Percent	Level Detected	Units	Completed	Lab
Cannabinoids/Potency				9/3/2021	
Total THC	22.435%	224.354	mg/g		
Total CBD	0.044%	0.443	mg/g		
Total Cannabinoids	26.379%	263.789	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)	0.255%	2.554	mg/g		
Cannabidiol (CBD)	0.000%	0.000	mg/g		
Cannabidiolic Acid (CBDA)	0.051%	0.505	mg/g		
Cannabigerol (CBG)	0.088%	0.878	mg/g		
Cannabigerolic Acid (CBGA)	0.510%	5.100	mg/g		
Cannabinol (CBN)	0.000%	0.000	mg/g		
Delta 9-Tetrahydrocannabinol (THC)	0.761%	7.612	mg/g		
Tetrahydrocannabinolic Acid (THCA)	24.714%	247.140	mg/g		

Test Menu	Percent	Level Detected	Units	Completed	Lab
*Terpenes				9/2/2021	
Total Terpenes	0.840%	8.404	mg/g		
α-Pinene	0.282%	2.819	mg/g		
β-Myrcene	0.208%	2.082	mg/g		
D-Limonene	0.159%	1.594	mg/g		
β-Pinene	0.125%	1.251	mg/g		
Caryophyllene	0.037%	0.371	mg/g		
Ocimene 2	0.015%	0.152	mg/g		
Humulene	0.014%	0.135	mg/g		
Terpinolene	0.000%	0.000	mg/g		
p-Cymene	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		



Sample No.: BC-21-CS-22100
Sample Matrix: Bud/ Flower
Sample METRC ID: 1A4050300007469000004976
Customer Unique ID: Deep Breath Flower
Date Sample Collected/Received: 08/31/2021
Date Testing Completed: 09/07/2021



Test Menu	Result	Level Detected	Action Limit	Units	Completed	Lab
Moisture Content					9/1/2021	
Moisture Content	TESTED	12.590	N/A	%		
Water Activity					9/1/2021	
Water activity	PASS	0.632	0.650	Aw		
Microbial					9/7/2021	
STEC E. Coli	PASS	Not Detected	Detected			
Salmonella spp.	PASS	Not Detected	Detected			
Aspergillus spp.	PASS	Not Detected	Detected			
Total Yeast & Mold	PASS	<100	100000.000	CFU/g		
Total Coliform Bacteria	PASS	<10	1000.000	CFU/g		
Heavy Metal					9/2/2021	
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	0.031	1.200	ppm		
Nickel	PASS	0.299	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.	9/1/2021	

Test Menu	Result	Level Detected	Action Limit	Units	Completed	Lab
Chemical Residue					9/2/2021	
Abamectin	PASS	0.000	0.500	ppm		
Acephate	PASS	0.000	0.400	ppm		
Acequinocyl	PASS	0.000	2.000	ppm		
Acetamiprid	PASS	0.000	0.200	ppm		
Aldicarb	PASS	0.000	0.400	ppm		
Azoxystrobin	PASS	0.000	0.200	ppm		
Bifenazate	PASS	0.000	0.200	ppm		
Bifenthrin	PASS	0.000	0.200	ppm		



Sample No.: BC-21-CS-22100
Sample Matrix: Bud/ Flower
Sample METRC ID: 1A4050300007469000004976
Customer Unique ID: Deep Breath Flower
Date Sample Collected/Received: 08/31/2021
Date Testing Completed: 09/07/2021



Test Menu	Result	Level Detected	Action Limit	Units	Completed	Lab
Chemical Residue					9/2/2021	
Boscalid	PASS	0.000	0.400	ppm		
Carbaryl	PASS	0.000	0.200	ppm		
Carbofuran	PASS	0.000	0.200	ppm		
Chlorantraniliprole	PASS	0.000	0.200	ppm		
Chlorfenapyr	PASS	0.000	1.000	ppm		
Chlorpyrifos	PASS	0.000	0.200	ppm		
Clofentezine	PASS	0.000	0.200	ppm		
Cyfluthrin	PASS	0.000	1.000	ppm		
Cypermethrin	PASS	0.000	1.000	ppm		
Daminozide	PASS	0.000	1.000	ppm		
Diazinon	PASS	0.000	0.200	ppm		
DDVP (Dichlorvos)	PASS	0.000	1.000	ppm		
Dimethoate	PASS	0.000	0.200	ppm		
Ethoprophos	PASS	0.000	0.200	ppm		
Etofenprox	PASS	0.000	0.400	ppm		
Etoxazole	PASS	0.000	0.200	ppm		
Fenoxycarb	PASS	0.000	0.200	ppm		
Fenpyroximate	PASS	0.000	0.400	ppm		
Fipronil	PASS	0.000	0.400	ppm		
Flonicamid	PASS	0.000	1.000	ppm		
Fludioxonil	PASS	0.000	0.400	ppm		
Hexythiazox	PASS	0.000	1.000	ppm		
Imazalil	PASS	0.000	0.200	ppm		
Imidacloprid	PASS	0.000	0.400	ppm		
Kresoxim-methyl	PASS	0.000	0.400	ppm		
Malathion	PASS	0.000	0.200	ppm		
Metalaxyl	PASS	0.000	0.200	ppm		
Methiocarb	PASS	0.000	0.200	ppm		
Methomyl	PASS	0.000	0.400	ppm		
Methyl parathion	PASS	0.000	0.200	ppm		
MGK-264	PASS	0.000	0.200	ppm		



Patient Focused
Certification

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



Sample No.: BC-21-CS-22100
Sample Matrix: Bud/ Flower
Sample METRC ID: 1A4050300007469000004976
Customer Unique ID: Deep Breath Flower
Date Sample Collected/Received: 08/31/2021
Date Testing Completed: 09/07/2021



Test Menu	Result	Level Detected	Action Limit	Units	Completed	Lab
Chemical Residue					9/2/2021	
Myclobutanil	PASS	0.000	0.200	ppm		
Naled	PASS	0.000	0.500	ppm		
Oxamyl	PASS	0.000	1.000	ppm		
Paclobutrazol	PASS	0.000	0.400	ppm		
Permethrins	PASS	0.000	0.200	ppm		
Phosmet	PASS	0.000	0.200	ppm		
Prallethrin	PASS	0.000	0.200	ppm		
Propiconazole	PASS	0.000	0.400	ppm		
Propoxur	PASS	0.000	0.200	ppm		
Pyridaben	PASS	0.000	0.200	ppm		
Spinosad	PASS	0.000	0.200	ppm		
Spiromesifen	PASS	0.000	0.200	ppm		
Spirotetramat	PASS	0.000	0.200	ppm		
Spiroxamine	PASS	0.000	0.400	ppm		
Tebuconazole	PASS	0.000	0.400	ppm		
Thiacloprid	PASS	0.000	0.200	ppm		
Thiamethoxam	PASS	0.000	0.200	ppm		
Total Pyrethrins	PASS	0.000	1.000	ppm		
Trifloxystrobin	PASS	0.000	0.200	ppm		

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

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

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.

