

VIRIDIS[®]

LABORATORIES

Report To: MJ Verdant
Address: 1823 Commerce St.
Muskegon, MI, 49441, USA
Customer License No.: AU-G-C-000520
Report Date: 02/13/2023

Customer Unique ID: Green Sapphire
Source METRC ID: 1A405030001F979000006319
Sample METRC ID: 1A405030001F979000006324
Date Sample Collected/Received: 02/07/2023
Date Testing Completed: 02/13/2023
Overall Result: **PASS**

Certificate of Analysis for Sample No. LN-23-CS-61448 v1

Date Authorized: 2/13/2023

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.
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.
Composite sample (CS) results are related only to the sample as collected according to LOM 5.1. Adhoc sample (AS) results are related only to the sample as recieved by the laboratory.

Ph: (833) 847-4347 Email: AnalyticalServices@viridisgrp.com, Website: viridis-labs.com



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



Sample No.: LN-23-CS-61448
Sample Matrix: Bud/ Flower
Sample METRC ID: 1A405030001F979000006324
Customer Unique ID: Green Sapphire
Date Sample Collected/Received: 02/07/2023
Date Testing Completed: 02/13/2023



Test Menu	Percent	Level Detected	Units	Completed	Lab
Cannabinoids/Potency				2/10/2023	LN
Total THC	15.599%	155.989	mg/g		
Total CBD	0.000%	0.000	mg/g		
Total Cannabinoids	18.844%	188.444	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)	0.174%	1.744	mg/g		
Cannabidiol (CBD)	0.000%	0.000	mg/g		
Cannabidiolic Acid (CBDA)	0.000%	0.000	mg/g		
Cannabigerol (CBG)	0.000%	0.000	mg/g		
Cannabigerolic Acid (CBGA)	0.911%	9.113	mg/g		
Cannabinol (CBN)	0.000%	0.000	mg/g		
Delta 9-Tetrahydrocannabinol (THC)	0.199%	1.991	mg/g		
Tetrahydrocannabinolic Acid (THCA)	17.560%	175.596	mg/g		

Test Menu	Percent	Level Detected	Units	Completed	Lab
*Terpenes				2/9/2023	LN
Total Terpenes	1.536%	15.356	mg/g		
(-) Guaiol	0.000%	0.000	mg/g		
(-)-Isopulegol	0.000%	0.000	mg/g		
(-)-a-Bisabolol	0.048%	0.484	mg/g		
(+)-Cedrol	0.000%	0.000	mg/g		
(+)-Pulegone	0.000%	0.000	mg/g		
3-Carene	0.000%	0.000	mg/g		
Borneol	0.000%	0.000	mg/g		
Camphene	0.000%	0.000	mg/g		
Camphor	0.000%	0.000	mg/g		
Caryophyllene	0.256%	2.563	mg/g		
Caryophyllene oxide	0.007%	0.074	mg/g		
D-Limonene	0.208%	2.079	mg/g		
Eucalyptol	0.000%	0.000	mg/g		
Farnesene	0.096%	0.964	mg/g		
Fenchol	0.017%	0.167	mg/g		
Fenchone	0.000%	0.000	mg/g		



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Test Menu	Percent	Level Detected	Units	Completed	Lab
Geraniol	0.000%	0.000	mg/g		
Geranyl Acetate	0.000%	0.000	mg/g		
Hexahydrothymol	0.000%	0.000	mg/g		
Humulene	0.077%	0.773	mg/g		
Isoborneol	0.000%	0.000	mg/g		
Linalool	0.033%	0.331	mg/g		
Nerol	0.000%	0.000	mg/g		
Nerolidol	0.000%	0.000	mg/g		
Ocimene	0.000%	0.000	mg/g		
Phytol	0.075%	0.751	mg/g		
p-mentha-1,5-diene	0.000%	0.000	mg/g		
Sabinene	0.000%	0.000	mg/g		
Sabinene Hydrate	0.000%	0.000	mg/g		
Terpinolene	0.000%	0.000	mg/g		
Valencene	0.031%	0.310	mg/g		
α-Cedrene	0.000%	0.000	mg/g		
α-Pinene	0.016%	0.162	mg/g		
α-Terpineol	0.008%	0.081	mg/g		
α-Terpinene	0.000%	0.000	mg/g		
β-Myrcene	0.636%	6.355	mg/g		
β-Pinene	0.026%	0.262	mg/g		
γ-Terpineol	0.000%	0.000	mg/g		
γ-Terpinene	0.000%	0.000	mg/g		

Test Menu	Result	Level Detected	Action Limit	Units	Completed	Lab
Moisture Content					2/8/2023	LN
Moisture Content	TESTED	10.530	N/A	%		
Water Activity					2/8/2023	LN
Water activity	PASS	0.432	0.650	Aw		
Microbial					2/13/2023	LN
Aspergillus spp.	PASS	Not Detected	Detected			
STEC E. Coli	PASS	Not Detected	Detected			
Salmonella spp.	PASS	Not Detected	Detected			
Total Yeast & Mold	PASS	11000	100000	CFU/g		
Total Coliform Bacteria	PASS	<100	1000	CFU/g		



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Test Menu	Result	Level Detected	Action Limit	Units	Completed	Lab
Heavy Metal					2/8/2023	LN
Arsenic	PASS	<0.010	0.400	ppm		
Cadmium	PASS	<0.010	0.400	ppm		
Mercury	PASS	<0.010	0.200	ppm		
Lead	PASS	<0.010	1.000	ppm		
Chromium	PASS	<0.010	1.200	ppm		
Nickel	PASS	0.205	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.	2/8/2023	LN

Test Menu	Result	Level Detected	Action Limit	Units	Completed	Lab
Chemical Residue	PASS				2/9/2023	LN
<i>No Reportable Analytes Detected</i>						

Calculations:

Total THC = (THCA*0.877) + THC + Delta 8-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/LOM-7.1a Foreign Matter: Macroscopic analysis and photographic imaging/LOM-7.11
 *Terpenes: GC-MS/LOM-7.7b Moisture Content & Water Activity: Aqualab/Dew Point/LOM-7.3
 Heavy Metals: ICP-MS/LOM-7.2 Vitamin E Acetate: LC-MS/MS (Lansing primary)/LOM-7.14b or UHPLC-DAD (Bay City, Lansing alternative)/LOM-7.14a
 Pesticides: LC-MS/MS/LOM-7.4 Quantitative Microbial Analysis (Yeast and Mold, Coliforms): Optical Density/LOM-7.22
 Residual Solvents: GC-MS/LOM-7.10 Qualitative Microbial Analysis (Aspergillus, Salmonella, STEC): PCR/LOM-7.20 & 7.21

Notes:

*Terpenes - The analysis is not evaluated by the MRA and is for informational purposes only.

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

Ensuring Health & Safety Within Michigan's Cannabis Industry.

