

# VIRIDIS<sup>®</sup>

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:** King Louis  
**Source METRC ID:** 1A405030001F979000006356  
**Sample METRC ID:** 1A405030001F979000006370  
**Date Sample Collected/Received:** 02/09/2023  
**Date Testing Completed:** 02/13/2023  
**Overall Result:** **PASS**

## Certificate of Analysis for Sample No. LN-23-CS-61644 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](mailto:AnalyticalServices@viridisgrp.com), Website: [viridis-labs.com](http://viridis-labs.com)



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



**Sample No.:** LN-23-CS-61644  
**Sample Matrix:** Bud/ Flower  
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Test Menu	Percent	Level Detected	Units	Completed	Lab
<b>Cannabinoids/Potency</b>				2/13/2023	LN
<b>Total THC</b>	15.804%	158.039	mg/g		
<b>Total CBD</b>	0.037%	0.367	mg/g		
<b>Total Cannabinoids</b>	19.782%	197.822	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)	0.179%	1.787	mg/g		
Cannabidiol (CBD)	0.000%	0.000	mg/g		
Cannabidiolic Acid (CBDA)	0.042%	0.418	mg/g		
Cannabigerol (CBG)	0.078%	0.777	mg/g		
Cannabigerolic Acid (CBGA)	1.488%	14.880	mg/g		
Cannabinol (CBN)	0.000%	0.000	mg/g		
Delta 9-Tetrahydrocannabinol (THC)	0.174%	1.740	mg/g		
Tetrahydrocannabinolic Acid (THCA)	17.822%	178.220	mg/g		

Test Menu	Percent	Level Detected	Units	Completed	Lab
<b>*Terpenes</b>				2/13/2023	LN
<b>Total Terpenes</b>	1.569%	15.687	mg/g		
(-) Guaiol	0.000%	0.000	mg/g		
(-)-Isopulegol	0.000%	0.000	mg/g		
(-)-a-Bisabolol	0.033%	0.328	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	0.009%	0.088	mg/g		
Camphene	0.000%	0.000	mg/g		
Camphor	0.000%	0.000	mg/g		
Caryophyllene	0.140%	1.397	mg/g		
Caryophyllene oxide	0.005%	0.050	mg/g		
D-Limonene	0.144%	1.444	mg/g		
Eucalyptol	0.000%	0.000	mg/g		
Farnesene	0.180%	1.800	mg/g		
Fenchol	0.016%	0.156	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	0.035%	0.348	mg/g		
Isoborneol	0.000%	0.000	mg/g		
Linalool	0.029%	0.294	mg/g		
Nerol	0.000%	0.000	mg/g		
Nerolidol	0.000%	0.000	mg/g		
Ocimene	0.090%	0.896	mg/g		
Phytol	0.080%	0.800	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	0.005%	0.049	mg/g		
α-Cedrene	0.000%	0.000	mg/g		
α-Pinene	0.424%	4.238	mg/g		
α-Terpineol	0.007%	0.066	mg/g		
α-Terpinene	0.000%	0.000	mg/g		
β-Myrcene	0.240%	2.395	mg/g		
β-Pinene	0.134%	1.338	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
<b>Moisture Content</b>					2/10/2023	LN
Moisture Content	TESTED	12.020	N/A	%		
<b>Water Activity</b>					2/10/2023	LN
Water activity	PASS	0.530	0.650	Aw		
<b>Microbial</b>					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	6400	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
<b>Heavy Metal</b>					2/12/2023	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	0.177	1.000	ppm		

Test Menu	Result	Level Detected	Completed	Lab
<b>Foreign Matter Inspection</b>	PASS	Less than 5 percent stems present and less than 2 percent foreign matter with no inorganic material observed.	2/10/2023	LN

Test Menu	Result	Level Detected	Action Limit	Units	Completed	Lab
<b>Chemical Residue</b>	PASS				2/13/2023	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.*

