

VIRIDIS[®]

LABORATORIES

Report To: MJ Verdant
Address: 1823 Commerce St.
Muskegon, MI, 49441, USA
Customer License No.: AU-G-C-000520
Report Date: 03/20/2023

Customer Unique ID: Peridot (030923 Batch 1)
Source METRC ID: 1A405030001F979000007143
Sample METRC ID: 1A405030001F979000007147
Date Sample Collected/Received: 03/15/2023
Date Testing Completed: 03/20/2023
Overall Result: **PASS**

Certificate of Analysis for Sample No. LN-23-CS-64737 v1

Date Authorized: 3/20/2023

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-64737
Sample Matrix: Bud/ Flower
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Test Menu	Percent	Level Detected	Units	Completed	Lab
Cannabinoids/Potency				3/20/2023	LN
Total THC	26.202%	262.015	mg/g		
Total CBD	0.060%	0.597	mg/g		
Total Cannabinoids	31.196%	311.964	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)	0.259%	2.592	mg/g		
Cannabidiol (CBD)	0.000%	0.000	mg/g		
Cannabidiolic Acid (CBDA)	0.068%	0.681	mg/g		
Cannabigerol (CBG)	0.096%	0.957	mg/g		
Cannabigerolic Acid (CBGA)	0.923%	9.225	mg/g		
Cannabinol (CBN)	0.000%	0.000	mg/g		
Delta 9-Tetrahydrocannabinol (THC)	0.181%	1.809	mg/g		
Tetrahydrocannabinolic Acid (THCA)	29.670%	296.700	mg/g		

Test Menu	Percent	Level Detected	Units	Completed	Lab
*Terpenes				3/17/2023	LN
Total Terpenes	2.106%	21.062	mg/g		
(-) Guaiol	0.000%	0.000	mg/g		
(-)-Isopulegol	0.000%	0.000	mg/g		
(-)-a-Bisabolol	0.024%	0.240	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	0.012%	0.120	mg/g		
Camphene	0.023%	0.227	mg/g		
Camphor	0.000%	0.000	mg/g		
Caryophyllene	0.400%	3.996	mg/g		
Caryophyllene oxide	0.005%	0.048	mg/g		
D-Limonene	0.677%	6.773	mg/g		
Eucalyptol	0.000%	0.000	mg/g		
Farnesene	0.000%	0.000	mg/g		
Fenchol	0.038%	0.375	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	0.100%	1.003	mg/g		
Isoborneol	0.006%	0.060	mg/g		
Linalool	0.199%	1.987	mg/g		
Nerol	0.000%	0.000	mg/g		
Nerolidol	0.000%	0.000	mg/g		
Ocimene	0.025%	0.245	mg/g		
Phytol	0.036%	0.357	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	0.007%	0.073	mg/g		
Valencene	0.039%	0.393	mg/g		
α-Cedrene	0.000%	0.000	mg/g		
α-Pinene	0.076%	0.762	mg/g		
α-Terpineol	0.042%	0.421	mg/g		
α-Terpinene	0.000%	0.000	mg/g		
β-Myrcene	0.281%	2.812	mg/g		
β-Pinene	0.117%	1.170	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					3/16/2023	LN
Moisture Content	PASS	10.250	F	%		
Water Activity					3/16/2023	LN
Water activity	PASS	0.403	F	Aw		
Microbial					3/20/2023	LN
Aspergillus spp.	PASS	Not Detected	F			
STEC E. Coli	PASS	Not Detected	F			
Salmonella spp.	PASS	Not Detected	F			
Total Yeast & Mold	PASS	20000	F	CFU/g		
Total Coliform Bacteria	PASS	<100	F	CFU/g		



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Test Menu	Result	Level Detected	Action Limit	Units	Completed	Lab
Heavy Metal					3/17/2023	LN
Arsenic	PASS	<0.010	T	ppm		
Cadmium	PASS	<0.010	T	ppm		
Mercury	PASS	<0.010	T	ppm		
Lead	PASS	<0.010	T	ppm		
Chromium	PASS	<0.010	T	ppm		
Nickel	PASS	0.330	F	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.	3/16/2023	LN

Test Menu	Result	Level Detected	Action Limit	Units	Completed	Lab
Chemical Residue	PASS				3/20/2023	LN

No Reportable Analytes Detected

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 CRA and is for informational purposes only.

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

Ensuring Health & Safety Within Michigan's Cannabis Industry.

