

Oliphant Brewing LLC

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Somerset, WI 54025
trevor@oliphantbrewing.com
(651) 472-7889

Sample: 2402AIT0145.0319

Strain: n/a
Batch#: 071323; Batch Size: g
Sample Received: 02/12/2024; Report Created: 02/16/2024

Super Kushy Gummy

Ingestible, Soft Chew



0.129%

4.5 mg/serving

Total THC

<LOQ

<LOQ

Total CBD

0.129%

4.5 mg/serving

Total Cannabinoids

Cannabinoids

Date Tested: 02/14/2024

Analytes	%	mg/g	mg/ml	mg/serving	LOQ
CBC	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBD	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBDa	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBDV	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBG	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBGa	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBL	<LOQ	<LOQ	<LOQ	<LOQ	0.001
CBN	<LOQ	<LOQ	<LOQ	<LOQ	0.001
Δ8-THC	<LOQ	<LOQ	<LOQ	<LOQ	0.001
Δ9-THC	0.129	1.287	1.287	4.506	0.001
THCa	<LOQ	<LOQ	<LOQ	<LOQ	0.001
THCVa	<LOQ	<LOQ	<LOQ	<LOQ	0.001

Method: HPLC

Total THC = THCa * 0.877 + Δ9-THC

Total CBD = CBDa * 0.877 + CBD

Total Cannabinoids represents the sum of all cannabinoids in the table above.

Results are reported on a dry weight basis: Cannabinoid % / (1.0 - moisture content % / 100) = Dry weight cannabinoids %

LOQ = Limit of Quantitation

Summary

4150 98th Ave S
Fargo, ND
(888) 897-4367
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John Schmidt

John Schmidt
Analytical Chemist



Confident LIMS
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(866) 506-5866

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Prepared for:

SUPERIOR MOLECULAR LLC

4459 WHITE BEAR PKWY

WHITE BEAR LAKE, MN USA 55110

oliphant gummy

Batch ID or Lot Number: rbc.d9.071323	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 4
Reported: 20Jul2023	Started: 19Jul2023	Received: 19Jul2023	

Pesticides

Test ID: T000249651

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)
Abamectin	255 - 2854	ND
Acephate	35 - 2872	ND
Acetamiprid	36 - 2787	ND
Azoxystrobin	42 - 2668	ND
Bifenazate	40 - 2672	ND
Boscalid	39 - 2805	ND
Carbaryl	45 - 2743	ND
Carbofuran	41 - 2710	ND
Chlorantraniliprole	42 - 2703	ND
Chlorpyrifos	40 - 2737	ND
Clofentezine	281 - 2745	ND
Diazinon	287 - 2689	ND
Dichlorvos	256 - 2837	ND
Dimethoate	36 - 2774	ND
E-Fenpyroximate	348 - 2702	ND
Etofenprox	40 - 2694	ND
Etoxazole	304 - 2711	ND
Fenoxycarb	14 - 2677	ND
Fipronil	35 - 2756	ND
Flonicamid	42 - 2861	ND
Fludioxonil	299 - 2725	ND
Hexythiazox	41 - 2716	ND
Imazalil	286 - 2755	ND
Imidacloprid	38 - 2799	ND
Kresoxim-methyl	27 - 2685	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	290 - 2681	ND
Metalaxyl	40 - 2674	ND
Methiocarb	41 - 2707	ND
Methomyl	36 - 2844	ND
MGK 264 1	179 - 1660	ND
MGK 264 2	111 - 1107	ND
Myclobutanil	36 - 2673	ND
Naled	52 - 2759	ND
Oxamyl	36 - 2840	ND
Paclobutrazol	45 - 2705	ND
Permethrin	302 - 2697	ND
Phosmet	42 - 2662	ND
Prophos	282 - 2729	ND
Propoxur	42 - 2720	ND
Pyridaben	298 - 2724	ND
Spinosad A	30 - 2105	ND
Spinosad D	66 - 669	ND
Spiromesifen	241 - 2719	ND
Spirotetramat	300 - 2696	ND
Spiroxamine 1	18 - 1175	ND
Spiroxamine 2	20 - 1523	ND
Tebuconazole	332 - 2650	ND
Thiacloprid	36 - 2778	ND
Thiamethoxam	42 - 2801	ND
Trifloxystrobin	43 - 2705	ND

Final Approval


Sam Smith
20Jul2023
07:56:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
20Jul2023
07:59:00 AM MDT
APPROVED BY / DATE

Prepared for:

SUPERIOR MOLECULAR LLC

4459 WHITE BEAR PKWY
WHITE BEAR LAKE, MN USA 55110

oliphant gummy

Batch ID or Lot Number: rbc.d9.071323	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 2 of 4
Reported: 20Jul2023	Started: 19Jul2023	Received: 19Jul2023	

Residual Solvents

Test ID: T000249653

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	97 - 1947	ND	
Butanes (Isobutane, n-Butane)	201 - 4022	ND	
Methanol	56 - 1124	ND	
Pentane	101 - 2018	ND	
Ethanol	91 - 1821	ND	
Acetone	99 - 1970	ND	
Isopropyl Alcohol	91 - 1818	ND	
Hexane	6 - 121	ND	
Ethyl Acetate	97 - 1931	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	98 - 1962	ND	
Toluene	16 - 324	ND	
Xylenes (m,p,o-Xylenes)	108 - 2162	ND	

Final Approval



Karen Winternheimer
21Jul2023
02:46:00 PM MDT

PREPARED BY / DATE



Sam Smith
21Jul2023
02:48:00 PM MDT

APPROVED BY / DATE

Prepared for:

SUPERIOR MOLECULAR LLC

4459 WHITE BEAR PKWY

WHITE BEAR LAKE, MN USA 55110

oliphant gummy

Batch ID or Lot Number: rbc.d9.071323	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 4 of 4
Reported: 20Jul2023	Started: 19Jul2023	Received: 19Jul2023	

Mycotoxins

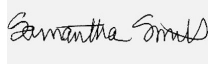
Test ID: T000249654

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.50 - 139.86	ND	N/A
Aflatoxin B1	0.97 - 33.23	ND	
Aflatoxin B2	1.14 - 33.26	ND	
Aflatoxin G1	1.23 - 33.16	ND	
Aflatoxin G2	1.14 - 33.49	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Sam Smith
27Jul2023
07:32:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
27Jul2023
07:37:00 AM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/87885fc0-44d2-4ddc-b9e6-baac77add81a>

Definitions

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa * (0.877)) and Total CBD = CBD + (CBDa * (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa * (0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



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