

Oliphant Brewing LLC

350 Main St Ste 2
Somerset, WI 54025
trevor@oliphantbrewing.com
(651) 472-7889

Sample: 2407AIT0843.1733

Strain: N/A
Batch#: ; Batch Size: g
Sample Received: 07/10/2024; Report Created: 07/11/2024

Escape #072924

Ingestible, Beverage



0.007%
24.2 mg/container
24.2 mg/serving

Total THC

<LOQ
<LOQ
<LOQ

Total CBD

0.007%
24.2 mg/container
24.2 mg/serving

Total Cannabinoids

Cannabinoids

Date Tested: 07/11/2024

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	0.007	0.069	0.069	24.195	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
www.hempinspection.com





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

Water Sol Full Panel May-July 2024 CBN,CBG,CBD,THC

Batch ID or Lot Number: WS.FP.052824	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 4
Reported: 31May2024	Started: 31May2024	Received: 29May2024	

Heavy Metals

Test ID: T000282343


Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.77	ND	
Cadmium	0.05 - 4.88	ND	
Mercury	0.05 - 4.63	ND	
Lead	0.05 - 4.68	ND	

Final Approval

 Karen Winternheimer
31May2024
01:01:00 PM MDT

PREPARED BY / DATE

 Sam Smith
31May2024
01:03:00 PM MDT

APPROVED BY / DATE

Microbial Contaminants

Test ID: T000282342

Methods: TM25 (PCR) TM24, TM26,
TM27 (Culture Plating)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval

 Brienne Maillot
02Jun2024
12:16:00 PM MDT

PREPARED BY / DATE

 Brett Hudson
03Jun2024
05:30:00 PM MDT

APPROVED BY / DATE

Prepared for:

SUPERIOR MOLECULAR LLC

4459 WHITE BEAR PKWY

WHITE BEAR LAKE, MN USA 55110

Water Sol Full Panel May-July 2024 CBN,CBG,CBD,THC

Batch ID or Lot Number: WS.FP.052824	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 2 of 4
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Residual Solvents


Test ID: T000282344

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	92 - 1832	ND	
Butanes (Isobutane, n-Butane)	183 - 3653	ND	
Methanol	63 - 1265	ND	
Pentane	94 - 1888	ND	
Ethanol	100 - 1992	ND	
Acetone	107 - 2131	ND	
Isopropyl Alcohol	109 - 2186	ND	
Hexane	7 - 133	ND	
Ethyl Acetate	109 - 2178	ND	
Benzene	0.2 - 4.4	ND	
Heptanes	102 - 2040	ND	
Toluene	19 - 386	ND	
Xylenes (m,p,o-Xylenes)	134 - 2683	ND	

Final Approval


Karen Winternheimer
04Jun2024
10:29:00 AM MDT
PREPARED BY / DATE


Sam Smith
04Jun2024
10:33:00 AM MDT
APPROVED BY / DATE

Prepared for:
SUPERIOR MOLECULAR LLC

4459 WHITE BEAR PKWY
WHITE BEAR LAKE, MN USA 55110

Water Sol Full Panel May-July 2024 CBN,CBG,CBD,THC

Batch ID or Lot Number: WS.FP.052824	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 3 of 4
Reported: 31May2024	Started: 31May2024	Received: 29May2024	

Pesticides


Test ID: T000282341


Methods: TM17

(LC-QQ LC MS/MS)

	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)
Abamectin	338 - 2814	ND	Malathion	276 - 2737	ND
Acephate	44 - 2726	ND	Metalaxyl	45 - 2745	ND
Acetamiprid	44 - 2712	ND	Methiocarb	40 - 2760	ND
Azoxystrobin	42 - 2720	ND	Methomyl	44 - 2794	ND
Bifenazate	32 - 2734	ND	MGK 264 1	175 - 1637	ND
Boscalid	39 - 2750	ND	MGK 264 2	133 - 1057	ND
Carbaryl	42 - 2723	ND	Myclobutanil	40 - 2722	ND
Carbofuran	41 - 2710	ND	Naled	43 - 2655	ND
Chlorantraniliprole	34 - 2762	ND	Oxamyl	44 - 2765	ND
Chlorpyrifos	44 - 2733	ND	Paclobutrazol	42 - 2697	ND
Clofentezine	280 - 2749	ND	Permethrin	277 - 2687	ND
Diazinon	283 - 2720	ND	Phosmet	33 - 2602	ND
Dichlorvos	274 - 2739	ND	Prophos	266 - 2795	ND
Dimethoate	43 - 2711	ND	Propoxur	39 - 2723	ND
E-Fenpyroximate	284 - 2616	ND	Pyridaben	280 - 2644	ND
Etofenprox	38 - 2629	ND	Spinosad A	31 - 2078	ND
Etoazole	276 - 2541	ND	Spinosad D	68 - 637	ND
Fenoxycarb	12 - 2712	ND	Spiromesifen	279 - 2620	ND
Fipronil	50 - 2702	ND	Spirotetramat	281 - 2789	ND
Flonicamid	47 - 2755	ND	Spiroxamine 1	15 - 1013	ND
Fludioxonil	276 - 2757	ND	Spiroxamine 2	23 - 1623	ND
Hexythiazox	36 - 2651	ND	Tebuconazole	291 - 2722	ND
Imazalil	295 - 2769	ND	Thiacloprid	44 - 2756	ND
Imidacloprid	44 - 2776	ND	Thiamethoxam	44 - 2708	ND
Kresoxim-methyl	30 - 2748	ND	Trifloxystrobin	42 - 2715	ND

Final Approval


 Karen Winternheimer
 10Jun2024
 01:06:00 PM MDT
 PREPARED BY / DATE


 Sam Smith
 10Jun2024
 01:34:00 PM MDT
 APPROVED BY / DATE

Prepared for:

SUPERIOR MOLECULAR LLC

4459 WHITE BEAR PKWY

WHITE BEAR LAKE, MN USA 55110

Water Sol Full Panel May-July 2024
CBN,CBG,CBD,THC

Batch ID or Lot Number: WS.FP.052824	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 4 of 4
Reported: 31May2024	Started: 31May2024	Received: 29May2024	



<https://results.botanacor.com/api/v1/coas/uuid/fe4b7038-aa0e-4e72-83c3-976fe389f70c>

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.

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