

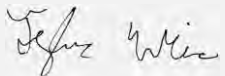
1500mg/oz Distillate w/Terpenes

Batch ID:	10071-02	Test ID:	T000086980
Reported:	24-Jul-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS


Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	75 - 1494	*ND
Butanes (Isobutane, n-Butane)	148 - 2966	*ND
Methanol	53 - 1064	*ND
Pentane	80 - 1593	*ND
Ethanol	78 - 1560	*ND
Acetone	88 - 1754	*ND
Isopropyl Alcohol	90 - 1793	*ND
Hexane	5 - 106	*ND
Ethyl Acetate	87 - 1745	*ND
Benzene	0.2 - 3.5	*ND
Heptanes	83 - 1661	*ND
Toluene	16 - 318	*ND
Xylenes (m,p,o-Xylenes)	114 - 2286	*ND

* ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
N/A**FINAL APPROVAL**

Tyler Wiese
24-Jul-2020
5:40 PM

PREPARED BY / DATE



Greg Zimpfer
24-Jul-2020
6:27 PM

APPROVED BY / DATE

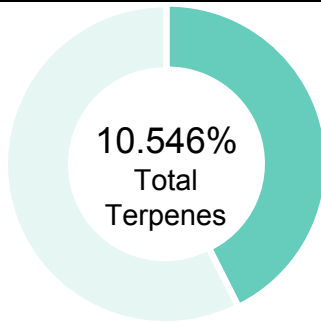
Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. 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 Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

1500mg/oz Distillate w/Terpenes

Batch ID:	10071-02	Test ID:	5717909.007
Reported:	24-Jul-2020	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	4.697	46.97
Camphene	2.367	23.67
delta-3-Carene	0.000	0
beta-Caryophyllene	0.000	0
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.000	0
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.000	0
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.000	0
alpha-Terpinene	3.482	34.82
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	10.546%	105.46

PREDOMINANT TERPENES

alpha-Pinene	0.000%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.000%
delta-3-Carene	0.000%
alpha-Terpinene	3.482%
d-Limonene	0.000%
Linalool	0.000%
beta-Caryophyllene	0.000%
alpha-Humulene	0.000%
(-)-alpha-Bisabolol	4.697%

NOTES:

0

FINAL APPROVAL

 Michelle Gagnon 24-Jul-2020 3:15 PM	 Greg Zimpfer 24-Jul-2020 3:16 PM
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PREPARED BY / DATE

APPROVED BY / DATE

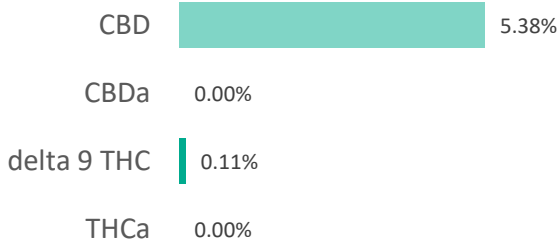
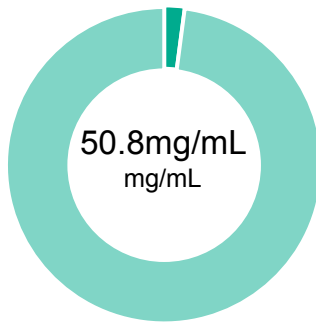
Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken 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 Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

1500mg/oz Distillate w/ Terpenes

Batch ID:	10071-02	Test ID:	4319486.0015
Reported:	27-Jul-2020	Method:	TM14
Type:	Solution		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.51	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.26	1.10	1.1
Cannabidiolic acid (CBDA)	0.78	ND	ND
Cannabidiol (CBD)	0.44	50.80	53.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.28	0.60	0.7
Cannabinolic Acid (CBNA)	0.70	ND	ND
Cannabinol (CBN)	0.31	ND	ND
Cannabigerolic acid (CBGA)	0.45	ND	ND
Cannabigerol (CBG)	0.25	9.50	10.1
Tetrahydrocannabivarinic Acid (THCVA)	0.44	ND	ND
Tetrahydrocannabivarin (THCV)	0.23	ND	ND
Cannabidivarinic Acid (CBDVA)	0.72	ND	ND
Cannabidivarin (CBDV)	0.40	ND	ND
Cannabichromenic Acid (CBCA)	0.38	ND	ND
Cannabichromene (CBC)	0.46	9.50	10.1
Total Cannabinoids		71.50	75.74
Total Potential THC**		1.10	1.14
Total Potential CBD**		50.80	53.79

NOTES:

Density = 0.944036g/mL

N/A


% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD 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)) and Total CBD = CBD + (CBDa * (0.877))

ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL


Ryan Weems
27-Jul-2020
5:34 PM



Greg Zimpfer
27-Jul-2020
6:20 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



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