


6000mg/ 2oz Distillate Tincture 1/ terpenes

Batch ID:	10071-01	Test ID:	T000078644
Reported:	4-Jun-2020	Method:	TM19
Type:	Other		
Test:	Metals		

HEAVY METALS


Analyte	Dynmic Range (ppm)	Result (ppm)
Arsenic	0.070 - 7.03	ND
Cadmium	0.074 - 7.40	ND
Mercury	0.069 - 6.95	ND
Lead	0.072 - 7.21	ND

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

FINAL APPROVAL

Ryan Weems
4-Jun-2020
5:38 PM

PREPARED BY / DATE



Ben Minton
4-Jun-2020
7:07 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.


6000mg/ 2oz Distillate Tincture 1/ terpenes

Batch ID:	10071-01	Test ID:	T000078642
Reported:	2-Jun-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		


RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	89 - 1783	*ND
Butanes (Isobutane, n-Butane)	179 - 3577	*ND
Methanol	55 - 1106	*ND
Pentane	76 - 1524	*ND
Ethanol	74 - 1483	*ND
Acetone	91 - 1820	*ND
Isopropyl Alcohol	95 - 1907	*ND
Hexane	6 - 110	*ND
Ethyl Acetate	91 - 1822	*ND
Benzene	0.2 - 3.6	*ND
Heptanes	83 - 1655	*ND
Toluene	17 - 331	*ND
Xylenes (m,p,o-Xylenes)	122 - 2436	*ND

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

NOTES:
N/A**FINAL APPROVAL**
Ryan Weems
2-Jun-2020
12:13 PM

PREPARED BY / DATE


Ben Minton
2-Jun-2020
3:37 PM

APPROVED BY / DATE

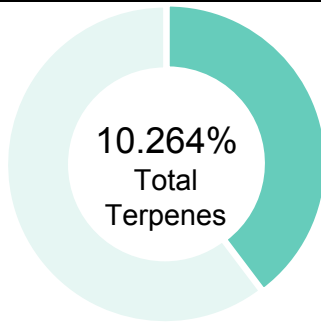
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6000mg/ 2oz Distillate Tincture 1/ terpenes

Batch ID:	10071-01	Test ID:	7156156.006
Reported:	5-Jun-2020	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	4.660	46.6
Camphene	2.331	23.31
delta-3-Carene	0.000	0
beta-Caryophyllene	0.000	0
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.056	0.56
Eucalyptol	0.148	1.48
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	3.069	30.69
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	10.264%	102.64



PREDOMINANT TERPENES

alpha-Pinene	0.000%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.000%
delta-3-Carene	0.000%
alpha-Terpinene	3.069%
d-Limonene	0.000%
Linalool	0.000%
beta-Caryophyllene	0.000%
alpha-Humulene	0.000%
(-)-alpha-Bisabolol	4.660%

NOTES:

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FINAL APPROVAL

 Ryan Weems 5-Jun-2020 11:46 AM	 Greg Zimpfer 5-Jun-2020 2:54 PM
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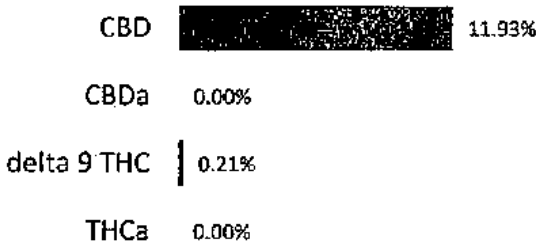
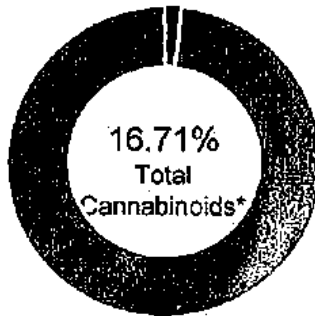
6000mg/2oz Distillate Tincture w/Terpenes

Batch ID:	10071-01	Test ID:	5616697.0035
Reported:	28-May-2020	Method:	TM14
Type:	Concentrate		
Test:	Potency		

60ml Wt. = 54.6g
 $\frac{54.6g}{60ml} = 0.91g/ml$

mg/bottle → CBD = 6513.78mg/bottle
 → CBG = 1288.56mg/bottle
 → CBC = 1179.36mg/bottle

CANNABINOID PROFILE

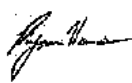



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.06	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.03	0.21	2.1
Cannabidiolic acid (CBDA)	0.07	ND	ND
Cannabidiol (CBD)	0.04	11.93	119.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.03	ND	ND
Cannabinolic Acid (CBNA)	0.08	ND	ND
Cannabinol (CBN)	0.04	ND	ND
Cannabigerolic acid (CBGA)	0.05	ND	ND
Cannabigerol (CBG)	0.03	2.36	23.6
Tetrahydrocannabivarinic Acid (THCVA)	0.05	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.06	ND	ND
Cannabidivarin (CBDV)	0.04	0.05	0.5
Cannabichromenic Acid (CBCA)	0.05	ND	ND
Cannabichromene (CBC)	0.06	2.16	21.6
Total Cannabinoids		16.71	167.10
Total Potential THC**		0.21	2.10
Total Potential CBD**		11.93	119.30

NOTES:
N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
 * Total Cannabinoids result reflects the absolute sum of all cannabinoids detected
 ** Total Potential THCCBD 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
 28-May-2020
 4:48 PM


 Ben Minton
 28-May-2020
 5:41 PM

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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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