

Certificate ID: 88735-206

Received: 10/23/20

Client Sample ID: COR05-06

Lot Number: COR05-06

Matrix: Tincture/Infused Oil - MCT Oil





Authorization:
Chris Hudalla, Chief Science Officer
Signature:
Christophy Hudalla
Date:
11/16/2020







80585

The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: JFD

Test Date: 11/12/2020

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

88735-CN

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ID	Weight %	Concentration (mg/mL)			
D9-THC	<loq< td=""><td><loq< td=""><td></td><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td><td></td></loq<>			
THCV	ND	ND			
CBD	0.969	8.99			
CBDV	ND	ND			
CBG	ND	ND			
CBC	0.0117	0.109			
CBN	ND	ND			
THCA	ND	ND			
CBDA	ND	ND			
CBGA	ND	ND			
D8-THC	ND	ND			
exo-THC	ND	ND			
Total	0.986	9.15	0%	Cannabinoids (wt%)	1.0%
Max THC	<loq< td=""><td><loq< td=""><td></td><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td><td></td></loq<>			
Max CBD	0.969	8.99			

Limit of Quantitation (LOQ) = 0.0113 wt%

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: $Max THC = (0.877 \times THCA) + THC$. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LOD), which is one third of LOQ.

TP: Terpenes Profile [WI-10-27]

Analyst: AEG

Test Date: 11/4/2020

Client sample analysis was performed using full evaporative technique (FET) headspace sample delivery and gas chromatographic (GC) compound separation. A combination of flame ionization detection (FID) and/or mass spectrometric (MS) detection with mass spectral confirmation against the National Institute of Standards and Technology (NIST) Mass Spectral Database, Revision 2017 were used. Chromatographic and/or mass spectral data were processed by quantitatively comparing the analytical peak areas against calibration curves prepared from certified reference standards.

88735-TP

L-fenchone* 7787-20-4 ND	00733-11				
camphene 79-92-5 ND ND sabinene* 3387-41-5 ND ND beta-myrcene 123-35-3 <rl< td=""> <rl< td=""> beta-pinene 127-91-3 <rl< td=""> <rl< td=""> alpha-phellandrene 99-83-2 ND ND delta-3-carene 13466-78-9 ND ND alpha-terpinene 99-86-5 ND ND alpha-cimene 502-99-8 ND ND D-limonene 138-86-3 <rl< td=""> <rl< td=""> p-cymene 99-87-6 <rl< td=""> <rl< td=""> cis-beta-ocimene 3338-55-4 ND ND ucalyptol 470-82-6 ND ND gamma-terpinene 99-85-4 ND ND binalool 78-70-6 ND ND L-fenchone* 7787-20-4 ND ND isopulegol 89-79-2 ND ND menthol* 89-78-1 ND ND peta-caryophyllene 87-44-5 <rl< td=""></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<></rl<>	Compound	CAS	Conc. (wt%)	Conc. (ppm	Qualitative Profile
sabinene* 3387-41-5 beta-myrcene 123-35-3	alpha-pinene	80-56-8	<rl< td=""><td><rl< td=""><td></td></rl<></td></rl<>	<rl< td=""><td></td></rl<>	
beta-myrcene 123-35-3	camphene	79-92-5	ND	ND	
beta-pinene 127-91-3	sabinene*	3387-41-5	ND	ND	
alpha-phellandrene	beta-myrcene	123-35-3	<rl< td=""><td><rl< td=""><td></td></rl<></td></rl<>	<rl< td=""><td></td></rl<>	
delta-3-carene al 13466-78-9 ND ND ND alpha-terpinene 99-86-5 ND ND ND alpha-terpinene 99-86-5 ND ND ND ND D-limonene 138-86-3 <rl< td=""><td>beta-pinene</td><td>127-91-3</td><td><rl< td=""><td><rl< td=""><td></td></rl<></td></rl<></td></rl<>	beta-pinene	127-91-3	<rl< td=""><td><rl< td=""><td></td></rl<></td></rl<>	<rl< td=""><td></td></rl<>	
alpha-terpinene 99-86-5 ND	alpha-phellandrene	99-83-2	ND	ND	
alpha-ocimene 502-99-8 ND ND ND D-limonene 138-86-3 <rl <rl<="" td=""><td>delta-3-carene</td><td>13466-78-9</td><td>ND</td><td>ND</td><td></td></rl>	delta-3-carene	13466-78-9	ND	ND	
D-limonene 138-86-3	alpha-terpinene	99-86-5	ND	ND	
p-cymene 99-87-6	alpha-ocimene	502-99-8	ND	ND	
cis-beta-ocimene 3338-55-4 ND ND eucalyptol 470-82-6 ND ND gamma-terpinene 99-85-4 ND ND terpinolene 586-62-9 ND ND linalool 78-70-6 ND ND L-fenchone* 7787-20-4 ND ND isopulegol 89-79-2 ND ND menthol* 89-78-1 ND ND geraniol 106-24-1 ND ND beta-caryophyllene 87-44-5 <rl< td=""> <rl< td=""> alpha-humulene 6753-98-6 <rl< td=""> <rl< td=""> cis-nerolidol 3790-78-1 ND ND guaiol 489-86-1 ND ND guaiol 489-86-1 ND ND caryophyllene oxide 1139-30-6 ND ND alpha-bisabolol 23089-26-1 ND ND</rl<></rl<></rl<></rl<>	D-limonene	138-86-3	<rl< td=""><td><rl< td=""><td></td></rl<></td></rl<>	<rl< td=""><td></td></rl<>	
eucalyptol 470-82-6 ND ND gamma-terpinene 99-85-4 ND ND terpinolene 586-62-9 ND ND linalool 78-70-6 ND ND L-fenchone* 7787-20-4 ND ND isopulegol 89-79-2 ND ND menthol* 89-78-1 ND ND geraniol 106-24-1 ND ND beta-caryophyllene 87-44-5 <rl< td=""> <rl< td=""> alpha-humulene 6753-98-6 <rl< td=""> <rl< td=""> cis-nerolidol 3790-78-1 ND ND trans-nerolidol 40716-66-3 ND ND guaiol 489-86-1 ND ND alpha-bisabolol 23089-26-1 ND ND</rl<></rl<></rl<></rl<>	p-cymene	99-87-6	<rl< td=""><td><rl< td=""><td></td></rl<></td></rl<>	<rl< td=""><td></td></rl<>	
gamma-terpinene 99-85-4 ND ND terpinolene 586-62-9 ND ND linalool 78-70-6 ND ND L-fenchone* 7787-20-4 ND ND isopulegol 89-79-2 ND ND menthol* 89-78-1 ND ND geraniol 106-24-1 ND ND beta-caryophyllene 87-44-5 <rl< td=""> <rl< td=""> alpha-humulene 6753-98-6 <rl< td=""> <rl< td=""> cis-nerolidol 3790-78-1 ND ND trans-nerolidol 40716-66-3 ND ND guaiol 489-86-1 ND ND caryophyllene oxide 1139-30-6 ND ND alpha-bisabolol 23089-26-1 ND ND</rl<></rl<></rl<></rl<>	cis-beta-ocimene	3338-55-4	ND	ND	
terpinolene 586-62-9 ND ND	eucalyptol	470-82-6	ND	ND	
Inalool 78-70-6 ND ND ND ND ND Inalool Toleration Toleration	gamma-terpinene	99-85-4	ND	ND	
L-fenchone* 7787-20-4 ND	terpinolene	586-62-9	ND	ND	
isopulegol 89-79-2 ND ND ND menthol* 89-78-1 ND ND ND geraniol 106-24-1 ND ND ND beta-caryophyllene 87-44-5 < RL < RL alpha-humulene 6753-98-6 < RL < RL < RL cis-nerolidol 3790-78-1 ND ND ND Trans-nerolidol 40716-66-3 ND ND ND guaiol 489-86-1 ND ND ND caryophyllene oxide 1139-30-6 ND ND ND alpha-bisabolol 23089-26-1 ND ND ND	linalool	78-70-6	ND	ND	
menthol* 89-78-1 ND ND geraniol 106-24-1 ND ND beta-caryophyllene 87-44-5 <rl< td=""> <rl< td=""> alpha-humulene 6753-98-6 <rl< td=""> <rl< td=""> cis-nerolidol 3790-78-1 ND ND trans-nerolidol 40716-66-3 ND ND guaiol 489-86-1 ND ND caryophyllene oxide 1139-30-6 ND ND alpha-bisabolol 23089-26-1 ND ND</rl<></rl<></rl<></rl<>	L-fenchone*	7787-20-4	ND	ND	
geraniol 106-24-1 ND ND beta-caryophyllene 87-44-5 <rl 1139-30-6="" 23089-26-1="" 3790-78-1="" 40716-66-3="" 489-86-1="" 6753-98-6="" <rl="" alpha-bisabolol="" alpha-humulene="" caryophyllene="" cis-nerolidol="" guaiol="" nd="" nd<="" oxide="" td="" trans-nerolidol=""><td>isopulegol</td><td>89-79-2</td><td>ND</td><td>ND</td><td></td></rl>	isopulegol	89-79-2	ND	ND	
beta-caryophyllene 87-44-5	menthol*	89-78-1	ND	ND	
alpha-humulene 6753-98-6 <rl< td=""> <rl< td=""> cis-nerolidol 3790-78-1 ND ND trans-nerolidol 40716-66-3 ND ND guaiol 489-86-1 ND ND caryophyllene oxide 1139-30-6 ND ND alpha-bisabolol 23089-26-1 ND ND</rl<></rl<>	geraniol	106-24-1	ND	ND	
cis-nerolidol 3790-78-1 ND ND trans-nerolidol 40716-66-3 ND ND guaiol 489-86-1 ND ND caryophyllene oxide 1139-30-6 ND ND alpha-bisabolol 23089-26-1 ND ND	beta-caryophyllene	87-44-5	<rl< td=""><td><rl< td=""><td></td></rl<></td></rl<>	<rl< td=""><td></td></rl<>	
trans-nerolidol 40716-66-3 ND ND ND guaiol 489-86-1 ND ND ND caryophyllene oxide 1139-30-6 ND ND ND alpha-bisabolol 23089-26-1 ND ND ND	alpha-humulene	6753-98-6	<rl< td=""><td><rl< td=""><td></td></rl<></td></rl<>	<rl< td=""><td></td></rl<>	
guaiol 489-86-1 ND ND caryophyllene oxide 1139-30-6 ND ND alpha-bisabolol 23089-26-1 ND ND	cis-nerolidol	3790-78-1	ND	ND	
caryophyllene oxide 1139-30-6 ND ND alpha-bisabolol 23089-26-1 ND ND	trans-nerolidol	40716-66-3	ND	ND	
alpha-bisabolol 23089-26-1 ND ND	guaiol	489-86-1	ND	ND	
	caryophyllene oxide	1139-30-6	ND	ND	
ppm 0.00 5.00 10.0	alpha-bisabolol	23089-26-1	ND	ND	
				ppm	0.00 5.00 10.0

Total Terpene: <0.1 wt%

END OF REPORT

^{*} Certified reference standard not available for this compound. Concentration is estimated using the response factor from alpha-pinene. ND = None Detected. RL = Reporting Limit of 5 ppm.