

Received: 12/16/2016

Certificate ID: 10139

Client Sample ID: Dr. Norm's - Peach Apple - 3000mg Isolate Tincture

UPC Code: 728488692578


Matrix: Tincture/Infused Oil - MCT Oil

Dr. Norm's CBD

Los Angeles, CA

ATTN: Jeff Koz



Authorization: Ben Osmanson, Lab Director	
Signature: 	Date: 12/16/2019

CN: Cannabinoid Profile & Potency (WI-10-17 & WI-10-17-01)

Analyst: BLO

Test Date: 12/16/2019

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.

00000-00

ID	LOQ (%)	Mass (%)	Mass (mg/g)	
D9-THC	0.097	<LOQ	<LOQ	
THCV	0.049	<LOQ	<LOQ	
CBD	0.971	99.905	999.05	
CBDV	0.049	0.088	0.88	
CBG	0.049	<LOQ	<LOQ	
CBC	0.049	<LOQ	<LOQ	
CBN	0.097	<LOQ	<LOQ	
THCA	NT	NT	NT	
CBDA	0.049	<LOQ	<LOQ	
CBGA	0.049	<LOQ	<LOQ	
D8-THC	0.049	<LOQ	<LOQ	
exo-THC	NT	NT	NT	
Total		99.993	999.83	0% — Cannabinoids (wt%) — 1.9%

Total THE = THCa * 0.877 + 9-THC = 8-THC
Total CBD = CBDA * 0.877 + CBD

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 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). NT = Not tested. LOQ = Limit of Quantitation; The reported result is based on a sample weight with applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

HM: Heavy Metal Analysis (WI-10-13)

Analyst: BLO

Test Date: 12/16/2019

Symbol	Metal	Conc. (ug/kg)	RL	Use Limits (ug/kg)		Status
				All	Ingestion	
As	Arsenic	NT	NT	NT	NT	NT
Cd	Cadmium	NT	NT	NT	NT	NT
Hg	Mercury	NT	NT	NT	NT	NT
Pb	Lead	NT	NT	NT	NT	NT

1) NT = Not Tested

MB1: Microbiological Contaminants (WI-10-09)

Analyst: BJO

Test Date: 12/16/2019

Symbol	Analysis	Results	Units	Limits	Status
AC	Total Aerobic Bacterial Count	NT	NT	NT	NT
CC	Total Coliform Bacterial Count	NT	NT	NT	NT
EB	Total Bile Tolerant Gram Negative Count	NT	NT	NT	NT
YM	Total Yeast & Mold	NT	NT	NT	NT

1) NT = Not Tested

MY: Mycotoxin Testing (WI-10-05)

Analyst: BJO

Test Date: 12/16/2019

Test ID	Date	Results	MDL	Limits	Status
Total Aflatoxin	N/A	NT	NT	NT	NT
Total Ochratoxin	N/A	NT	NT	NT	NT

1) NT = Not Tested

PST: Pesticide Analysis (WI-10-11)

Analyst: BLO

Test Date: **12/16/2019**

Analyte	CAS	Result	Units	LLD	Limits (ppb)	Status
Abemectin	NT	NT	NT	NT	NT	NT
Azoxystrobin	NT	NT	NT	NT	NT	NT
Bifenthrin	NT	NT	NT	NT	NT	NT
Cyfluthrin	NT	NT	NT	NT	NT	NT
Daminozide	NT	NT	NT	NT	NT	NT
Etoxazole	NT	NT	NT	NT	NT	NT
Fenoxycarb	NT	NT	NT	NT	NT	NT
Imazalil	NT	NT	NT	NT	NT	NT
Imidacloprid	NT	NT	NT	NT	NT	NT
Myclobutanil	NT	NT	NT	NT	NT	NT
Pacllobutrazol	NT	NT	NT	NT	NT	NT
Piperonyl butoxide	NT	NT	NT	NT	NT	NT
Pyrethrin	NT	NT	NT	NT	NT	NT
Spinosad	NT	NT	NT	NT	NT	NT
Spiromesifen	NT	NT	NT	NT	NT	NT
Spirotetramat	NT	NT	NT	NT	NT	NT
Trifloxystrobin	NT	NT	NT	NT	NT	NT

1) NT = Not Tested

VC: Analysis of Volatile Organic

Analyst: BLO

Test Date: 12/16/2019

Compound	LOQ (PPM)	Amount ¹	Limit	RL	Status
Propane	NT	NT	NT	NT	NT
Isobutane	NT	NT	NT	NT	NT
Butane	NT	NT	NT	NT	NT
Methanol	NT	NT	NT	NT	NT
Pentane	NT	NT	NT	NT	NT
Ethanol	NT	NT	NT	NT	NT
Acetone	NT	NT	NT	NT	NT
Isopropanol	NT	NT	NT	NT	NT
Acetonitrile	NT	NT	NT	NT	NT
Hexane	NT	NT	NT	NT	NT
Heptane	NT	NT	NT	NT	NT

1) NT = Not Tested

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