

CERTIFICATE OF ANALYSIS

ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 40853
 Order Name: 3000mg Tincture
 Batch#: T-30919-B3
 Received: 11/05/2019
 Completed: 01/20/2020

New Hope Labs
 1951 NW 7th Ave STE 600
 Miami FL, 33136



Sample



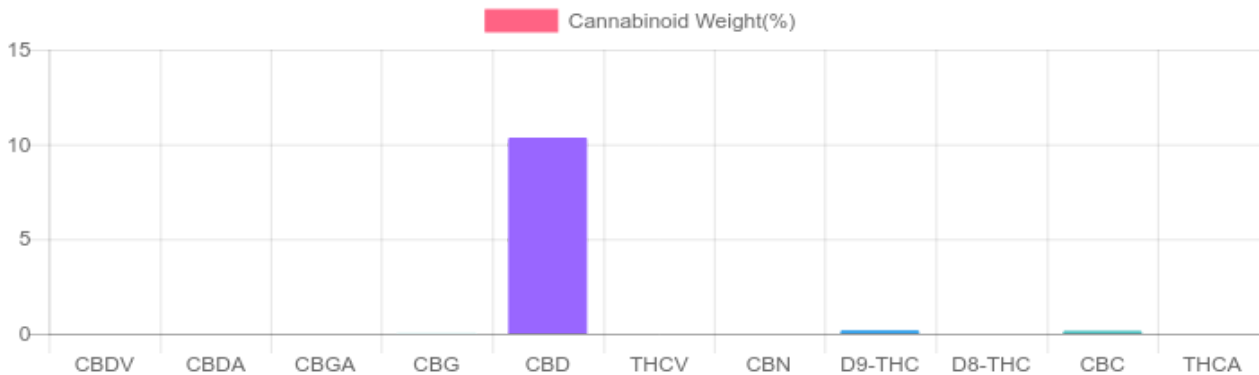
0.177% D9-THC	10.348% Total CBD
3,207.5 mg Cannabinoids per unit	3,104.3 mg CBD per unit

Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA
 GSL SOP 400 PREPARED: 11/06/2019 10:56:01 UPLOADED: 11/07/2019 07:41:04

Cannabinoids	LOQ	weight(%)	mg/g	mg/unit
D9-THC	10 PPM	0.177%	1.770	53.1
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	10.348%	103.477	3,104.3
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	N/D	N/D	N/D
CBC	10 PPM	0.152%	1.516	45.5
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	0.015%	0.152	4.6
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	N/D	N/D	N/D
TOTAL D9-THC		0.177%	0.177%	53.1
TOTAL CBD*		10.348%	103.477	3,104.3
TOTAL CANNABINOIDS		10.692%	106.915	3,207.5

1 unit = 30 ml per unit x density (1) x
 Cannabinoid concentration



Reporting Limit 10 ppm
 *Total CBD = CBD + CBDA x 0.877
 N/D - Not Detected, B/LOQ - Below Limit of Quantification

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

Green Scientific Labs
 info@greenscientificlabs.com
 1-833 TEST CBD



Green Scientific Labs uses its best efforts to deliver high quality results and to verify that the data contained therein are based on sound scientific judgment and levels listed are guidelines only and all data was reported based on standard laboratory procedures and deviations. However Green Scientific Labs makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of the data contained herein in any way. Further, Green Scientific Labs makes no claims regarding representations of the analyzed sample to the larger batch from which it was taken. Data and information in this report are intended solely for the individual(s) for whom samples were submitted and as part of our strict confidentiality policy, Green Scientific Labs can only discuss results with the original client of record.

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TERPENES: TOTAL (0.025%)

Headspace GCMS - Shimadzu GCMS QP2020 with HS20

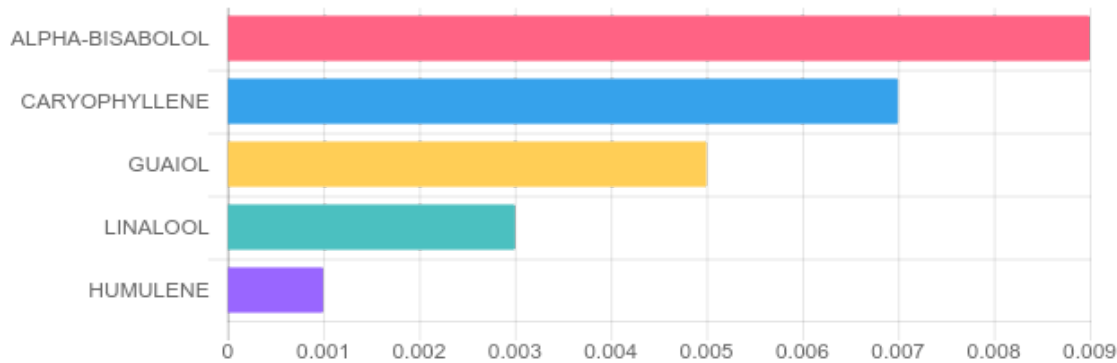
GSL SOP 404
 Prepared: 11/06/2019 15:13:03
 Uploaded: 11/07/2019 08:31:55

Terpene	Results (%)	LOQ (%)	LOD (%)
ALPHA-BISABOLOL	0.009%	0.0067%	0.0063%
CARYOPHYLLENE	0.007%	0.0067%	0.0063%
GUAIOL	B/LOQ	0.0067%	0.0063%
HUMULENE	B/LOQ	0.0067%	0.0063%
LINALOOL	B/LOQ	0.0067%	0.0063%

Terpenes Breakdown



Top Terpenes Results:



Tested for but not present:

ALPHA-PINENE, CAMPHENE, BETA-MYRCENE, BETA-PINENE, 3-CARENE, ALPHA-TERPINENE, TRANS-BETA-OCIMENE, LIMONENE, P-CYMENE, CIS-BETA-OCIMENE, EUCALYPTOL, GAMMA-TERPINENE, TERPINOLENE, ISOPULEGOL, GERANIOL, CIS-NEROLIDOL, TRANS-NEROLIDOL, CARYOPHYLLENE OXIDE

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