

Order #: 41555 Order Name: Tincture Batch#: T-12719-B2 Received: 11/14/2019 Completed: 11/16/2019 New Hope Labs 1951 NW 7th Ave STE 600 Miami FL, 33136



# Sample



0.072% D9-THC

1.649% Total CBD

507.7 mg Cannabinoids per unit

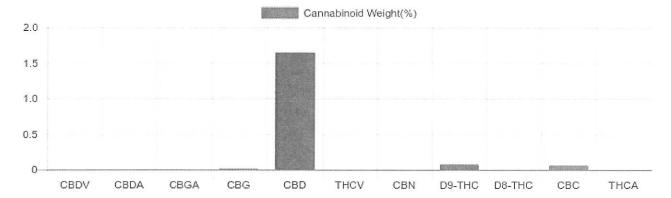
467.4 mg CBD per unit

1 unit = 30 ml per unit x density (.945) x Cannabinoid concentration

### **Cannabinoids Test**

SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400	PREPARED: 11/	14/2019 16:04:56	UPLOADED: 11	15/2019 14:02:59
Cannabinoids	LOQ	weight(%)	mg/g	mg/unit
D9-THC	10 PPM	0.072%	0.722	20.5
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	1.649%	16.486	467.4
CBDA	20 PPM	B/LOQ	B/LOQ	B/LOQ
CBDV	20 PPM	B/LOQ	B/LOQ	B/LOQ
CBC	10 PPM	0.059%	0.595	16.9
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	0.010%	0.101	2.9
CBGA	20 PPM	B/LOQ	B/LOQ	B/LOQ
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	N/D	N/D	N/D
TOTAL D9-THC		0.072%	0.072%	20.5
TOTAL CBD*		1.649%	16.486	467.4
TOTAL CANNARINGIDS		1 790%	17 904	507.7



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



4001 SW 47th Avenue Suite 208 Davie, FL 33314 1-833-TEST-CBD info@greenscientificlabs.com











Order #: 41555 Order Name: Tincture Batch#: T-12719-B2 Received: 11/14/2019 Completed: 11/16/2019 New Hope Labs 1951 NW 7th Ave STE 600 Miami FL, 33136



**TERPENES: TOTAL (0.002%)** 

Headspace GCMS - Shimadzu GCMS QP2020 with HS20

GSL SOP 404

Prepared: 11/14/2019 16:01:31 Uploaded: 11/15/2019 08:14:04

Terpene

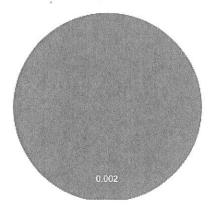
Results (%)

LOQ (%) LOD (%)

CARYOPHYLLENE

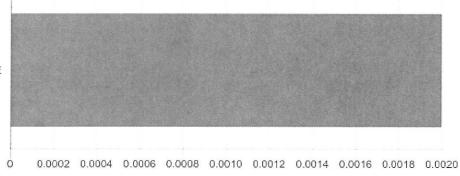
B/LOQ 0.0067%

Terpenes Breakdown



## **Top Terpenes Results:**

CARYOPHYLLENE



#### 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, LINALOOL, ISOPULEGOL, GERANIOL, HUMULENE, CIS-NEROLIDOL, TRANS-NEROLIDOL, GUAIOL, CARYOPHYLLENE OXIDE, ALPHA-BISABOLOL



4001 SW 47th Avenue Suite 208 Davie, FL 33314 1-833-TEST-CBD info@greenscientificlabs.com









# **CERTIFICATE OF ANALYSIS**



Order #: 35514 Order Name: Tincture Batch#: T-09719-B4 Received: 08/28/2019 Completed: 08/30/2019



### Sample



0.156% D9-THC

3.253% Total CBD

1,069.9 mg Cannabinoids per tincture

975.9 mg CBD per tincture

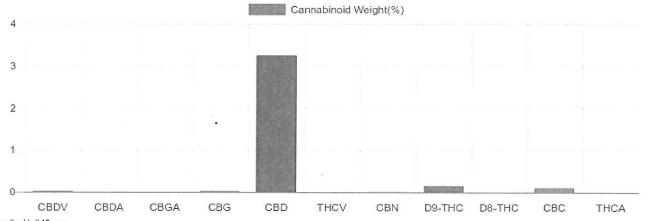
1 tincture = 30 ml per tincture x density (1) x Cannabinoid concentration

### **Cannabinoids Test**

SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400 PREPARED: 08/29/2019 19:59:32 UPLOADED: 08/30/2019 15:40:18

Cannabinoids	LOQ	weight(%)	mg/g	mg/tincture
D9-THC	10 PPM	0.156%	1.561	46.8
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	3.253%	32.530	975.9
CBDA	20 PPM	B/LOQ	B/LOQ	B/LOQ
CBDV	20 PPM	0.018%	0.176	5.3
CBC	10 PPM	0.100%	0.998	29.9
CBN	10 PPM	0.009%	0.092	2.8
CBG	10 PPM	0.029%	0.291	8.7
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	0.002%	0.017	0.5
THCV	10 PPM	N/D	N/D	N/D
TOTAL D9-THC		0.156%	1.561	46.8
TOTAL CBD*		3.253%	32.530	975.9
TOTAL CANNABINOID	)S	3.567%	35.665	1,069.9



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



4001 SW 47th Avenue Suite 207 Davie, FL 33314 1-833-TEST-CBD info@greenscientificlabs.com



Dr. Andrew Hall, Ph.D., CSO & Lab Director

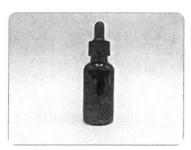
# **CERTIFICATE OF ANALYSIS**



Order #: 35515 Order Name: Tincture Batch#: T-19218-B6 Received: 08/28/2019 Completed: 09/01/2019



## Sample



0.234% D9-THC

5.178% Total CBD

1,733.4 mg Cannabinoids per tincture

1,553.4 mg CBD per

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

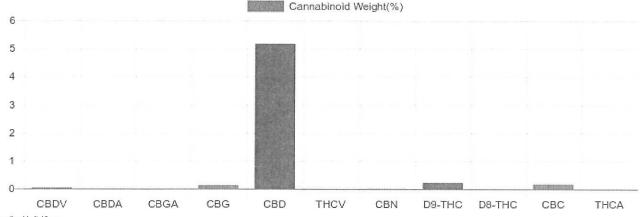
#### **Cannabinoids Test**

SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400 PREPARED: 08/29/2019 19:59:32

UPLOADED: 08/30/2019 19:31:46

Cannabinoids	LOQ	weight(%)	mg/g	mg/tincture
D9-THC	10 PPM	0.234%	2.338	70.1
THCA	10 PPM	0.006%	0.063	1.9
CBD	10 PPM	5.178%	51.780	1,553.4
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	0.033%	0.335	10.1
CBC	10 PPM	0.177%	1.765	53.0
CBN	10 PPM	0.012%	0.116	3.5
CBG	10 PPM	0.135%	1.350	40.5
CBGA	20 PPM	N/D	N/D	N/D
D8-THC	10 PPM	0.003%	0.030	0.9
THCV	10 PPM	N/D	N/D	N/D
TOTAL D9-THC		0.234%	2.338	70.1
TOTAL CBD*		5.178%	51.780	1,553.4
TOTAL CANNABINOID	S	5.778%	57.777	1,733.4



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



4001 SW 47th Avenue Suite 207 Davie, FL 33314 1-833-TEST-CBD info@greenscientificlabs.com



Dr. Andrew Hall, Ph.D., CSO & Lab Director



Order #: 40853 Order Name: 3000mg Tincture Batch#: T-12619-86 Received: 11/05/2019

Completed: 11/07/2019

**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

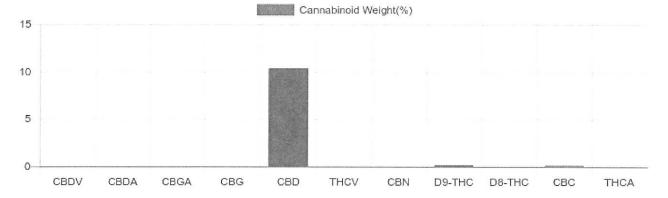
3,104.3 mg CBD per unit

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

#### 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 10.348% **10 PPM** 103.477 3,104.3 CBDA 20 PPM N/D N/D N/D CRDV 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



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



4001 SW 47th Avenue Suite 208 Davie FI 33314 1-833-TEST-CBD info@greenscientificlabs.com









Dr. Andrew Hall, Ph.D., CSO & Lab Director



Order #: 40853 Order Name: 3000mg Tincture Batch#: T-12619-86 Received: 11/05/2019 Completed: 11/07/2019 New Hope Labs 1951 NW 7th Ave STE 600 Miami FL, 33136



**TERPENES: TOTAL (0.025%)** 

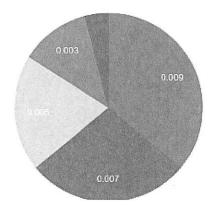
Headspace GCMS - Shimadzu GCMS QP2020 with HS20

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%

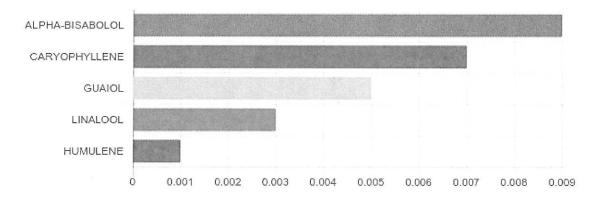
GSL SOP 404

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

# **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



4001 SW 47th Avenue Suite 208 Davie, FL 33314 1-833-TEST-CBD info@greenscientificlabs.com









Jhw Hall, Ph.D., CSO & Lab Director



Order #: 40853 Order Name: 3000mg Tincture Batch#: T-12619-86 Received: 11/05/2019 Completed: 11/07/2019 New Hope Labs 1951 NW 7th Ave STE 600 Miami FL, 33136



## Sample



0.177% D9-THC 10.348% Total CBD

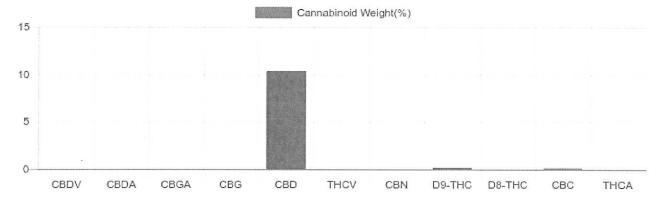
3,207.5 mg Cannabinoids per unit 3,104.3 mg CBD per unit

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

#### **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



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



4001 SW 47th Avenue Suite 208 Davie, FL 33314 1-833-TEST-CBD info@greenscientificlabs.com











Order #: 40853 Order Name: 3000mg Tincture Batch#: T-12619-86 Received: 11/05/2019 Completed: 11/07/2019

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



# **TERPENES: TOTAL (0.025%)**

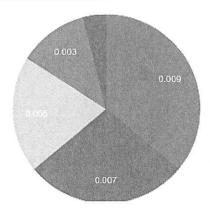
Headspace GCMS - Shimadzu GCMS QP2020 with HS20

Results (%)	LOQ (%)	LOD (%)
0.009%	0.0067%	0.0063%
0.007%	0.0067%	0.0063%
B/LOQ	0.0067%	0.0063%
B/LOQ	0.0067%	0.0063%
B/LOQ	0.0067%	0.0063%
	0.009% 0.007% B/LOQ B/LOQ	0.009% 0.0067% 0.007% 0.0067% B/LOQ 0.0067% B/LOQ 0.0067%

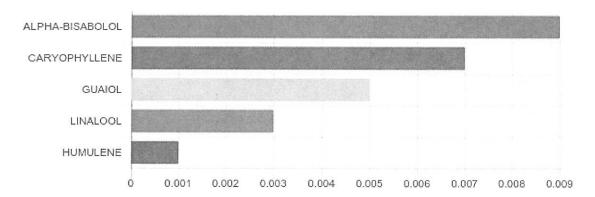
GSL SOP 404

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

### 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



4001 SW 47th Avenue Suite 208 Davie, FL 33314 1-833-TEST-CBD info@greenscientificlabs.com











Order #: 40929 Order Name: Soft Gels Batch#: 110619 Received: 11/06/2019 Completed: 11/08/2019

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



## Sample



0.292% D9-THC

6.090% Total CBD

32.2 mg Cannabinoids per unit

29.2 mg CBD per unit

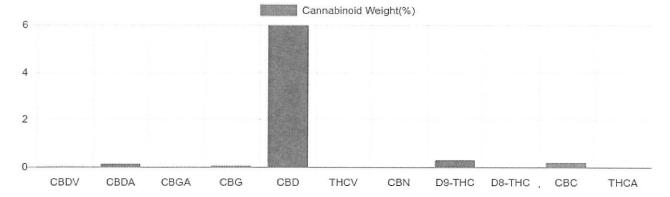
1 unit = 0.480 grams per unit x Cannabinoid concentration

#### **Cannabinoids Test**

SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400 PREPARED: 11/06/2019 16:53:01 UPLOADED: 11/07/2019 07:53:11

Cannabinoids	LOQ	weight(%)	mg/g	mg/unit
D9-THC	10 PPM	0.292%	2.923	1.4
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	5.975%	59.748	28.7
CBDA	20 PPM	0.131%	1.309	0.6
CBDV	20 PPM	0.013%	0.126	0.1
CBC	10 PPM	0.198%	1.980	1.0
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	0.057%	0.570	0.3
CBGA	20 PPM	0.017%	0.175	0.1
D8-THC	10 PPM	N/D	N/D	N/D
THCV	10 PPM	N/D	N/D	N/D
TOTAL D9-THC		0.292%	0.292%	1.4
TOTAL CBD*		6.090%	60.896	29.2
TOTAL CANNABINOIDS		6.683%	66.831	32.2



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



4001 SW 47th Avenue Suite 208 Davie, FL 33314 1-833-TEST-CBD info@greenscientificlabs.com









Dr. Andrew Hall, Ph.D., CSO & Lab Director



Order #: 40929 Order Name: Soft Gels Batch#: 110619 Received: 11/06/2019 Completed: 11/08/2019 New Hope Labs 1951 NW 7th Ave STE 600 Miami FL, 33136



**TERPENES: TOTAL (0.023%)** 

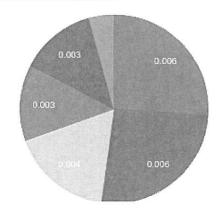
Headspace GCMS - Shimadzu GCMS QP2020 with HS20

Terpene	Results (%)	LOQ (%)	LOD (%)
ALPHA-BISABOLOL	B/LOQ	0.0067%	0.0063%
BETA-MYRCENE	B/LOQ	0.0067%	0.0063%
CARYOPHYLLENE	B/LOQ	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%

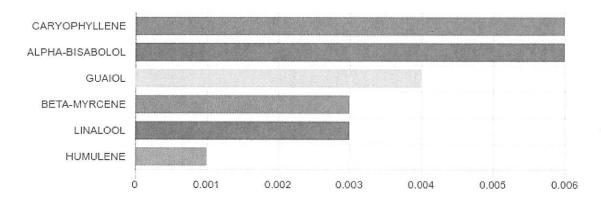
GSL SOP 404

Prepared: 11/06/2019 15:13:03 Uploaded: 11/08/2019 07:02:09

### **Terpenes Breakdown**



## **Top Terpenes Results:**



#### Tested for but not present:

ALPHA-PINENE, CAMPHENE, 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



4001 SW 47th Avenue Suite 208 Davie, FL 33314 1-833-TEST-CBD info@greenscientificlabs.com









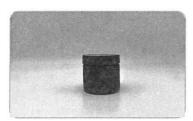
Jhm Hall Dr. Andrew Hall, Ph.D., CSO & Lab Director



Order #: 40851 Order Name: Lotion Batch#: 912308 Received: 11/05/2019 Completed: 11/08/2019 New Hope Labs 1951 NW 7th Ave STE 600 Miami FL, 33136



## Sample



0.034% D9-THC 0.849% Total CBD

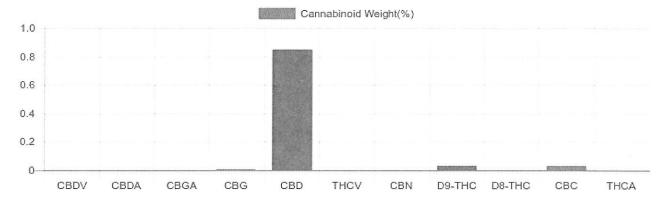
276.0 mg Cannabinoids per ounce 254.7 mg CBD per ounce

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

### **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/ounce
D9-THC	10 PPM	0.034%	0.338	10.1
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	0.849%	8.489	254.7
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	N/D	N/D	N/D
CBC	10 PPM	0.030%	0.304	9.1
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	0.007%	0.069	2.1
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		0.034%	0.034%	10.1
TOTAL CBD*		0.849%	8.489	254.7
TOTAL CANNABINOIDS		0.920%	9.200	276.0



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



4001 SW 47th Avenue Suite 208 Davie, FL 33314 1-833-TEST-CBD info@greenscientificlabs.com











Order #: 40851 Order Name: Lotion Batch#: 912308 Received: 11/05/2019 Completed: 11/08/2019

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



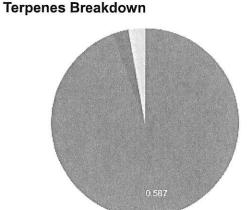
**TERPENES: TOTAL (0.621%)** 

Headspace GCMS - Shimadzu GCMS QP2020 with HS20

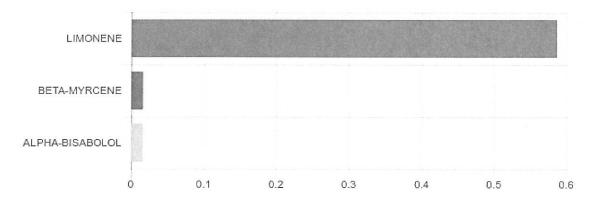
Terpene	Results (%)	LOQ (%)	LOD (%)
ALPHA-BISABOLOL	0.017%	0.0067%	0.0063%
BETA-MYRCENE	0.017%	0.0067%	0.0063%
LIMONENE	0.587%	0.0067%	0.0063%

GSL SOP 404

Prepared: 11/06/2019 15:13:03 Uploaded: 11/08/2019 07:04:10



## **Top Terpenes Results:**



#### Tested for but not present:

ALPHA-PINENE, CAMPHENE, BETA-PINENE, 3-CARENE, ALPHA-TERPINENE, TRANS-BETA-OCIMENE, P-CYMENE, CIS-BETA-OCIMENE, EUCALYPTOL, GAMMA.-TERPINENE, TERPINOLENE, LINALOOL, ISOPULEGOL, GERANIOL, CARYOPHYLLENE, HUMULENE, CIS-NEROLIDOL, TRANS-NEROLIDOL, GUAIOL, CARYOPHYLLENE OXIDE



4001 SW 47th Avenue Suite 208 Davie, FL 33314 1-833-TEST-CBD info@greenscientificlabs.com













Order #: 43658 Order Name: Pet Treats Batch#: 121019 Received: 12/10/2019 Completed: 01/14/2020

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



### Sample



N/D D9-THC 0.407% Total CBD

6.5 mg Cannabinoids per treat

6.5 mg CBD per treat

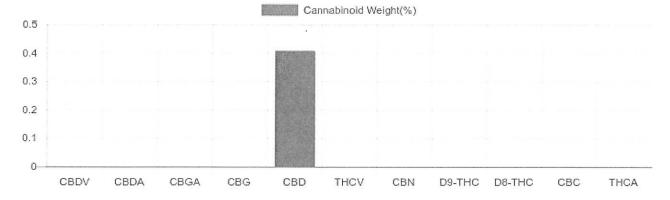
1 treat = 1.59 grams per treat x Cannabinoid concentration

#### Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400 PREPARED: 12/10/2019 16:49:26 UPLOADED: 01/14/2020 13:30:49

Cannabinoids	LOQ	weight(%)	mg/g	mg/treat
D9-THC	10 PPM	N/D	N/D	N/D
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	0.407%	4.066	6.5
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	N/D	N/D	N/D
CBC	10 PPM	N/D	N/D	N/D
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	N/D	N/D	N/D
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		N/D	N/D	N/D
TOTAL CBD*		0.407%	4.066	6.5
TOTAL CANNABINOIDS		0.407%	4.066	6.5



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









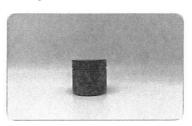
Order #: 46607 Order Name: 1000mg Full Spec Lotion Batch#: 011819 Received: 01/16/2020

Completed: 02/03/2020

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



### Sample



0.082% D9-THC 1.826% Total CBD

1,116.3 mg Cannabinoids per unit 1,035.1 mg CBD per unit

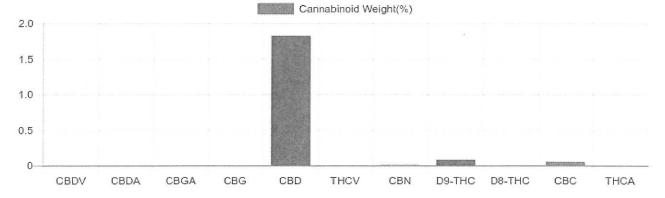
1 unit = 56.69 grams per unit x Cannabinoid concentration

#### **Cannabinoids Test**

SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400 PREPARED: 01/16/2020 16:29:54 UPLOADED: 01/17/2020 09:33:04

GOL GO! 400	TRETARED. 01/10/2020 10.23.34		OI LOADED. 01/11/2020 09.33.	
Cannabinoids	LOQ	weight(%)	mg/g	mg/unit
D9-THC	10 PPM	0.082%	0.825	46.8
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	1.826%	18.259	1,035.1
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	0.003%	0.033	1.9
CBC	10 PPM	0.052%	0.517	29.3
CBN	10 PPM	0.006%	0.056	3.2
CBG	10 PPM	N/D	N/D	N/D
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		0.082%	0.082%	46.8
TOTAL CBD*		1.826%	18.259	1,035.1
TOTAL CANNABINOIDS		1.969%	19.690	1,116.3



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

Ann Hel

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

Bul

Ben Witten, MS, MT., Lab Director

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









Order #: 46608 Order Name: 300mg Pet Tincture Batch#: T-30919-B5 Received: 01/16/2020

Completed: 02/03/2020

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



## Sample



0.054% D9-THC 1.169% Total CBD

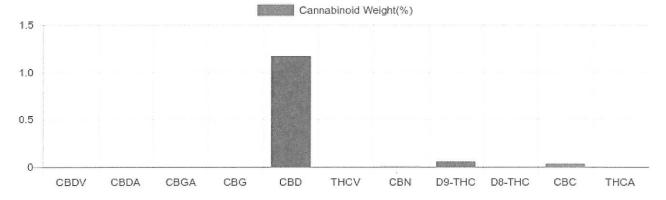
344.7 mg Cannabinoids per unit 319.1 mg CBD per unit

1 unit = 30 ml per unit x density (0.91) x Cannabinoid concentration

#### Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400 PREPARED: 01/16/2020 16:29:54 UPLOADED: 01/17/2020 09:33:04 Cannabinoids LOQ weight(%) mg/unit mg/g D9-THC 10 PPM 0.054% 0.539 14.7 N/D THCA 10 PPM N/D N/D CBD 10 PPM 1.169% 11.690 319.1 **CBDA** 20 PPM B/LOQ B/LOQ B/LOQ CBDV 20 PPM B/LOQ B/LOQ B/LOQ CBC 10 PPM 0.034% 0.340 9.3 CBN 10 PPM 0.004% 0.040 1.1 CBG 10 PPM N/D N/D N/D 20 PPM **CBGA** N/D N/D N/D D8-THC 10 PPM 0.002% 0.019 0.5 THCV **10 PPM** N/D N/D N/D TOTAL D9-THC 0.054% 0.054% 14.7 **TOTAL CBD\*** 1.169% 11.690 319.1 **TOTAL CANNABINOIDS** 1.263% 12.628 344.7



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

Ann FAI

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

Bul

Ben Witten, MS, MT., Lab Director

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









Order #: 48275 Order Name: 1000mg THC Free Tincture Batch#: T-30919-B4 Received: 02/05/2020 Completed: 02/17/2020 New Hope Labs 1951 NW 7th Ave STE 600 Miami FL, 33136



### Sample



N/D D9-THC 3.525% Total CBD

999.2 mg Cannabinoids per bottle 999.2 mg CBD per bottle

1 bottle = 30 ml per bottle x density (0.945)

1 bottle = 30 ml per bottle x density (0.94 x Cannabinoid concentration

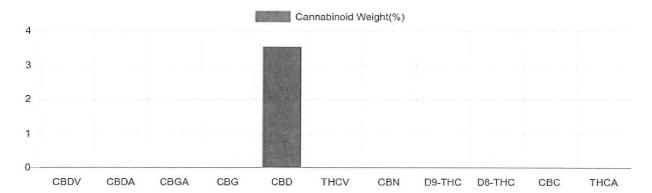
#### **Cannabinoids Test**

SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400 PREPARED: 02/05/2020 14:38:44 UPLOADED: 0

UPLOADED: 02/06/2020 10:51:37

			0. 00. 100 100 10.0 1.0 1	
Cannabinoids	LOQ	weight(%)	mg/g	mg/bottle
D9-THC	10 PPM	N/D	N/D	N/D
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	3.525%	35.246	999.2
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	N/D	N/D	N/D
CBC	10 PPM	N/D	N/D	N/D
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	N/D	N/D	N/D
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		N/D	N/D	N/D
TOTAL CBD*		3.525%	35.246	999.2
TOTAL CANNABINOIDS		3.525%	35.246	999.2



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

Am 711

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

Bul

Ben Witten, MS, MT., Lab Director

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









Order #: 48275 Order Name: 1000mg THC Free Tincture Batch#: T-30919-B4 Received: 02/05/2020 Completed: 02/17/2020 New Hope Labs 1951 NW 7th Ave STE 600 Miami FL, 33136



TERPENES: TOTAL (0.001%)

Headspace GCMS - Shimadzu GCMS QP2020 with HS20

GSL SOP 404 Prepared: 02/05/2020 17:44:51 Uploaded: 02/06/2020 08:21:17

Terpene

Results (%)

LOQ (%) LOD (%)

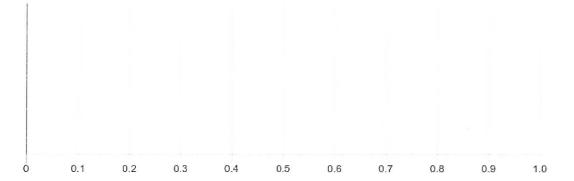
BETA-MYRCENE

B/LOQ

0.0067% 0.0063%

Terpenes Breakdown

### **Top Terpenes Results:**



### Tested for but not present:

ALPHA-PINENE, CAMPHENE, BETA-PINENE, 3-CARENE, ALPHA-TERPINENE, TRANS-BETA-OCIMENE, LIMONENE, P-CYMENE, CIS-BETA-OCIMENE, EUCALYPTOL, GAMMA.-TERPINENE, TERPINOLENE, LINALOOL, ISOPULEGOL, GERANIOL, CARYOPHYLLENE, HUMULENE, CIS-NEROLIDOL, TRANS-NEROLIDOL, GUAIOL, CARYOPHYLLENE OXIDE, ALPHA-BISABOLOL

Am 7H

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

Bul

Ben Witten, MS, MT., Lab Director

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









Order #: 41554 Order Name: Vegan Bears Batch#: 1102191 Received: 11/14/2019 Completed: 01/20/2020 New Hope Labs 1951 NW 7th Ave STE 600 Miami FL, 33136



UPLOADED: 12/11/2019 17:21:49

#### Sample



N/D D9-THC 1.018% Total CBD

26.5 mg Cannabinoids per piece 26.5 mg CBD per piece

1 piece = 2.6 grams per piece x Cannabinoid concentration

#### **Cannabinoids Test**

GSL SOP 400

SHIMADZU INTEGRATED UPLC-PDA

Cannabinoids LOQ weight(%) mg/piece mg/g D9-THC 10 PPM N/D N/D N/D THCA 10 PPM N/D N/D N/D CBD 10 PPM 1.018% 10.185 26.5 CBDA **20 PPM** N/D N/D N/D **CBDV** 20 PPM B/LOQ B/LOQ B/LOQ CBC 10 PPM N/D N/D N/D CBN 10 PPM N/D N/D N/D CBG 10 PPM N/D N/D N/D **CBGA** 20 PPM N/D N/D N/D D8-THC 10 PPM N/D N/D N/D 10 PPM N/D N/D N/D

PREPARED: 11/14/2019 16:07:29

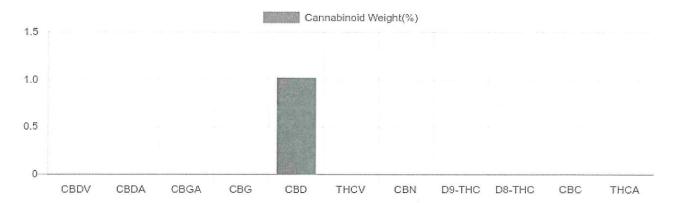
 D8-THC
 10 PPM
 N/D
 N/D
 N/D

 THCV
 10 PPM
 N/D
 N/D
 N/D

 TOTAL D9-THC
 N/D
 N/D
 N/D
 N/D

 TOTAL CBD\*
 1.018%
 10.185
 26.5

 TOTAL CANNABINOIDS
 1.018%
 10.185
 26.5



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

And Fell

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

Blil

Ben Witten, MS, MT., Lab Director

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









Order #: 41554 Order Name: Vegan Bears Batch#: 1102191 Received: 11/14/2019 Completed: 01/20/2020

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



**TERPENES: TOTAL (0.004%)** 

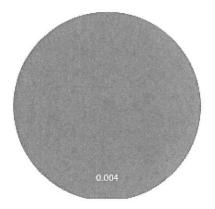
Headspace GCMS - Shimadzu GCMS QP2020 with HS20

Terpene Results (%) LOQ (%) LOD (%) LIMONENE B/LOQ 0.0067%

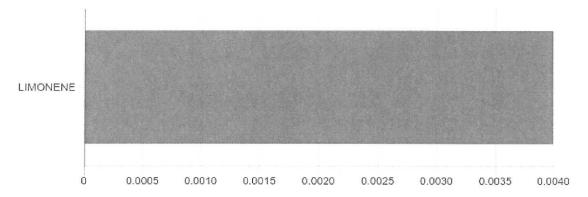
GSL SOP 404

Prepared: 11/14/2019 16:01:31 Uploaded: 11/15/2019 08:13:55

**Terpenes Breakdown** 



# **Top Terpenes Results:**



#### Tested for but not present:

ALPHA-PINENE, CAMPHENE, BETA-MYRCENE, BETA-PINENE, 3-CARENE, ALPHA-TERPINENE, TRANS-BETA-OCIMENE, P-CYMENE, CIS-BETA-OCIMENE, EUCALYPTOL, GAMMA.-TERPINENE, TERPINOLENE, LINALOOL, ISOPULEGOL, GERANIOL, CARYOPHYLLENE, HUMULENE, CIS-NEROLIDOL, TRANS-NEROLIDOL, GUAIOL, CARYOPHYLLENE OXIDE, ALPHA-BISABOLOL

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

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





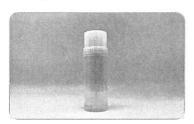




Order #: 46605 Order Name: 500mg Full Spec Roll On Batch#: 011619 Received: 01/16/2020 Completed: 02/03/2020 New Hope Labs 1951 NW 7th Ave STE 600 Miami FL, 33136



#### Sample



0.045% D9-THC 1.060% Total CBD

647.9 mg Cannabinoids per unit CBD per unit

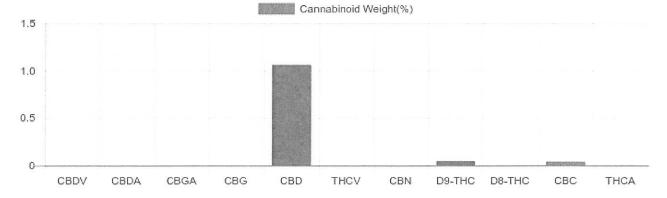
1 unit = 56.69 grams per unit x Cannabinoid concentration

#### **Cannabinoids Test**

SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400 PREPARED: 01/16/2020 16:29:54 UPLOADED: 01/17/2020 09:33:04

Cannabinoids	LOQ	weight(%)	mg/g	mg/unit
D9-THC	10 PPM	0.045%	0.453	25.7
THCA	10 PPM	N/D	N/D	N/D
CBD	10 PPM	1.060%	10.604	601.1
CBDA	20 PPM	N/D	N/D	N/D
CBDV	20 PPM	B/LOQ	B/LOQ	B/LOQ
CBC	10 PPM	0.037%	0.373	21.1
CBN	10 PPM	N/D	N/D	N/D
CBG	10 PPM	N/D	N/D	N/D
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		0.045%	0.045%	25.7
TOTAL CBD*		1.060%	10.604	601.1
TOTAL CANNABINOIDS		1.142%	11.430	647.9



Reporting Limit 10 ppm

\*Total CBD = CBD + CBDA x 0.877

N/D - Not Detected, B/LOQ - Below Limit of Quantification

Ann Fill

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

BUL

Ben Witten, MS, MT., Lab Director

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





