

CERTIFICATE OF ANALYSIS



Order #: 34068
 Order Name: Natural CBD
 Black Hash
 Batch#: 030621
 Received: 07/30/2019
 Completed: 07/31/2019

Innovative Health Labs



Sample



0.006%
D9-THC

19.812%
Total CBD

203.3 mg
Cannabinoids per
unit

198.1 mg
CBD per
unit

1 unit = 1 grams per unit x Cannabinoid
concentration

Cannabinoids Test

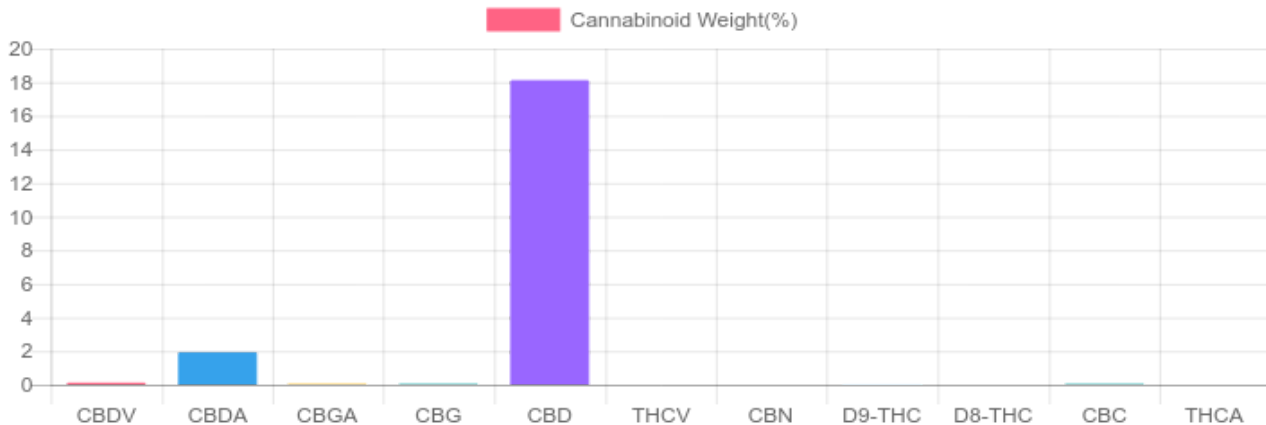
SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400

PREPARED: 07/30/2019 20:16:38

UPLOADED: 07/31/2019 22:34:42

| Cannabinoids | LOQ | weight(%) | mg/g | mg/unit |
|--------------------|--------|-----------|---------|---------|
| D9-THC | 10 PPM | 0.006% | 0.061 | 0.1 |
| THCA | 10 PPM | N/D | N/D | N/D |
| CBD | 10 PPM | 18.118% | 181.180 | 181.2 |
| CBDA | 20 PPM | 1.932% | 19.318 | 19.3 |
| CBDV | 20 PPM | 0.122% | 1.220 | 1.2 |
| CBC | 10 PPM | 0.050% | 0.498 | 0.5 |
| CBN | 10 PPM | N/D | N/D | N/D |
| CBG | 10 PPM | 0.052% | 0.518 | 0.5 |
| CBGA | 20 PPM | 0.053% | 0.531 | 0.5 |
| D8-THC | 10 PPM | N/D | N/D | N/D |
| THCV | 10 PPM | N/D | N/D | N/D |
| TOTAL D9-THC | | 0.006% | 0.061 | 0.1 |
| TOTAL CBD* | | 19.812% | 198.122 | 198.1 |
| TOTAL CANNABINOIDS | | 20.333% | 203.326 | 203.3 |



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

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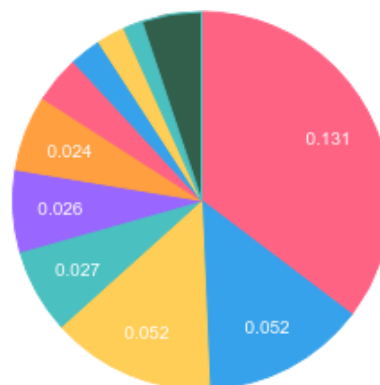
TERPENES: TOTAL (0.371%)

Headspace GCMS - Shimadzu GCMS QP2020 with HS20

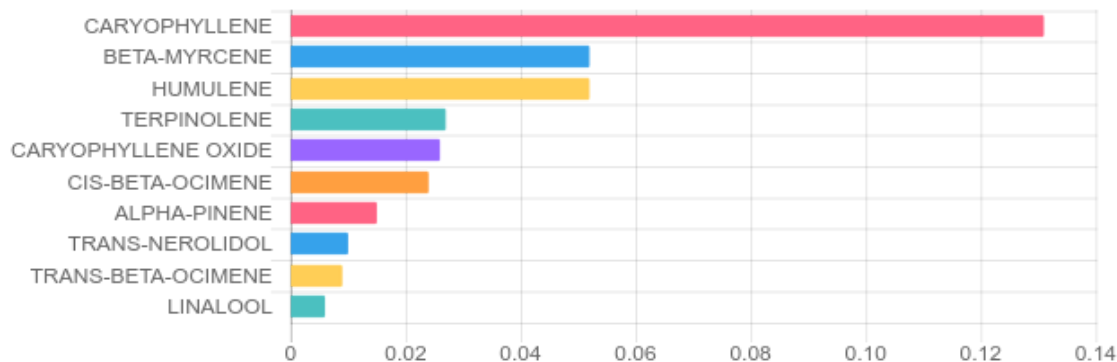
GSL SOP 404
 Prepared: 07/30/2019 23:45:47
 Uploaded: 07/31/2019 16:14:02

| Terpene | Results (%) | LOQ (%) | LOD (%) |
|---------------------|-------------|---------|---------|
| ALPHA-BISABOLOL | B/LOQ | 0.0067% | 0.0063% |
| ALPHA-PINENE | 0.015% | 0.0067% | 0.0063% |
| ALPHA-PHELLANDRENE | B/LOQ | 0.0067% | 0.0063% |
| BETA-MYRCENE | 0.052% | 0.0067% | 0.0063% |
| CARYOPHYLLENE | 0.131% | 0.0067% | 0.0063% |
| CARYOPHYLLENE OXIDE | 0.026% | 0.0067% | 0.0063% |
| CIS-BETA-OCIMENE | 0.024% | 0.0067% | 0.0031% |
| GAMMA-TERPINENE | B/LOQ | 0.0067% | 0.0016% |
| HUMULENE | 0.052% | 0.0067% | 0.0063% |
| LIMONENE | B/LOQ | 0.0067% | 0.0063% |
| LINALOOL | B/LOQ | 0.0067% | 0.0063% |
| TERPINOLENE | 0.027% | 0.0067% | 0.0063% |
| TRANS-BETA-OCIMENE | 0.009% | 0.0067% | 0.0031% |
| TRANS-NEROLIDOL | 0.010% | 0.0067% | 0.0063% |

Terpenes Breakdown



Top Terpenes Results:



Tested for but not present:

CAMPHENE, SABINENE, BETA-PINENE, 3-CARENE, ALPHA-TERPINENE, EUCALYPTOL, SABINENE HYDRATE, FENCHONE, FENCHOL, ISOPULEGOL, CAMPHOR, ISOBORNEOL, MENTHOL, BORNEOL, TERPINEOL (MIX OF ISOMERS), GAMMA-TERPINEOL, NEROL, GERANIOL, PULEGONE, GERANYL ACETATE, ALPHA-CEDRENE, VALENCENE, CIS-NEROLIDOL, GUAJOL, CEDROL



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