

Delta-9 Labs
2202 Buechel Avenue
Louisville, KY 40218

Cell: 859-475-2184 Office: 502-814-4059

lewis@delta-9lab.com



Cannabinoid Certificate of Analysis

Sample Information

| Customer ID | Sample Type | Sample I.D. |
|----------------|----------------------|---------------------------|
| Puritix | Extract - Distillate | INV_001_PX_2020_03_03_BS4 |
| Date Collected | Received Date | Report Date |
| 3/3/2020 | 3/4/2020 | 3/4/2020 |

Cannabinoid Quantification by UPLC-MS/MS (Potency)

| Cannabinoid | Lower Limit of Quantification (mg/g) | Concentration (mg/g) | Weight (%) |
|-----------------|--------------------------------------|----------------------|------------|
| CBC | 1 | <LLOQ | <LLOQ |
| CBCA | 1 | <LLOQ | <LLOQ |
| CBL | 1 | <LLOQ | <LLOQ |
| CBDV | 1 | 6.67 | 0.667 |
| CBG | 1 | 39.25 | 3.925 |
| CBGA | 1 | <LLOQ | <LLOQ |
| CBN | 1 | 1.42 | 0.142 |
| CBNA | 1 | <LLOQ | <LLOQ |
| THCV | 1 | <LLOQ | <LLOQ |
| THCVA | 1 | <LLOQ | <LLOQ |
| Δ -9 THC | 2 | 2.91 | 0.291 |
| THCA | 2 | <LLOQ | <LLOQ |
| CBD | 20 | 642.89 | 64.289 |
| CBDA | 20 | <LLOQ | <LLOQ |

Total Cannabinoids by Dry Weight (w,w)

| | |
|------------------------------|--------|
| Total CBD | 64.29% |
| Total THC | 0.3% |
| Total Available Cannabinoids | 69.31% |

Notes

Sample results for total THC are below regulatory limits set by the state of Ky (<0.399% by dry weight).

Sample Analysis Performed By

Lewis Jackson, PhD

Laboratory Director Approval

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2202 Buechel Ave, Suite 105
Louisville, KY
859-475-2184
lewis@delta-9labs.com



CANNABINOID CERTIFICATE OF ANALYSIS

REPORT SUMMARY

| CUSTOMER ID | SAMPLE TYPE | SAMPLE I.D. |
|----------------|-----------------|--------------------------------------|
| Puritix | Hemp Distillate | Inv-001-PX-2020-03-03-BS4_Pesticides |
| DATE COLLECTED | RECEIVED DATE | REPORT DATE |
| 03/03/2020 | 03/04/2020 | 03/05/2020 |

PESTICIDE CONTAMINANT TESTING BY UPLC-MS/MS (OREGON REGULATORY LIST)

| PESTICIDE | LOQ (PPB) | ACTION LIMIT | RESULT |
|---------------------|-----------|--------------|----------|
| ABAMECTIN | <160 | 500 | Negative |
| ACEPHATE | <160 | 400 | Negative |
| ACEQUINOCYL | <160 | 2000 | Negative |
| ACETAMIPRID | <160 | 200 | Negative |
| ALDICARB | <160 | 400 | Negative |
| AZOXYSTROBIN | <160 | 200 | Negative |
| BIFENAZATE | <160 | 200 | Negative |
| BOSCALID | <160 | 400 | Negative |
| CARBARYL | <160 | 200 | Negative |
| CARBOFURAN | <160 | 200 | Negative |
| CHLORANTRANILIPROLE | <160 | 200 | Negative |
| CHLORPYRIFOS | <160 | 200 | Negative |
| CHLORFENAPYR | <160 | 1000 | Negative |
| CLOFENTEZINE | <160 | 200 | Negative |
| CYPERMETHRIN | <160 | 1000 | Negative |
| DAMINOZIDE | <160 | 1000 | Negative |
| DIAZINON | <160 | 200 | Negative |
| DIMETHOATE | <160 | 200 | Negative |
| ETHOPROPHOS | <160 | 200 | Negative |
| ETOXAZOLE | <160 | 200 | Negative |
| FENOXYCARB | <160 | 200 | Negative |
| FENPYROXIMATE | <160 | 400 | Negative |
| FIPRONIL | <160 | 400 | Negative |
| FLONICAMID | <160 | 1000 | Negative |
| FLUDIOXONIL | <160 | 400 | Negative |
| HEXYTHIAZOX | <160 | 1000 | Negative |
| IMAZALIL | <160 | 200 | Negative |
| IMIDACLOPRID | <160 | 400 | Negative |
| KRESOXIM-METHYL | <160 | 400 | Negative |
| MALATHION | <160 | 200 | Negative |
| METALAXYL | <160 | 200 | Negative |
| METHIOCARB | <160 | 200 | Negative |

| | | | |
|------------------|------|------|----------|
| METHOMYL | <160 | 400 | Negative |
| METHYL PARATHION | <160 | 200 | Negative |
| MGK-265 | <160 | 200 | Negative |
| MYCLOBUTANIL | <160 | 200 | Negative |
| OXAMYL | <160 | 1000 | Negative |
| PACLOBUTRAZOL | <160 | 400 | Negative |
| PERMETHRIN† | <160 | 200 | Negative |
| PHOSMET | <160 | 200 | Negative |
| PIPERONY | <160 | 2000 | Negative |
| PRALLETHRIN | <160 | 200 | Negative |
| PROPICONAZOLE | <160 | 400 | Negative |
| PROPOXUR | <160 | 200 | Negative |
| PYRETHRIN | <160 | 1000 | Negative |
| PYRIDABEN | <160 | 200 | Negative |
| SPINOSAD | <160 | 200 | Negative |
| SPINOSYN | <160 | 200 | Negative |
| SPIROMESIFEN | <160 | 200 | Negative |
| SPIROTETRAMAT | <160 | 200 | Negative |
| SPIROXAMINE | <160 | 400 | Negative |
| TEBUCONAZOLE | <160 | 400 | Negative |
| THIACLOPRID | <160 | 200 | Negative |
| THIAMETHOXAM | <160 | 200 | Negative |
| TRIFLOXYSTROBIN | <160 | 200 | Negative |

NOTES

REPORT PREPARED BY

Lewis Jackson, PhD

LABORATORY DIRECTOR APPROVAL



CERTIFICATE OF ANALYSIS

ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 50357
Order Name: Puritix_INV-001-
PX-2020-03-03-BS4
Batch#: 030420
Received: 03/05/2020
Completed: 03/09/2020

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TERPENES: TOTAL (0.034%)

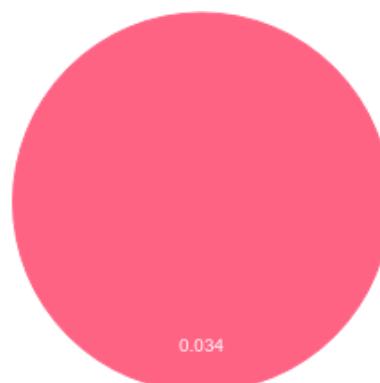
Headspace GCMS - Shimadzu GCMS QP2020 with HS20

GSL SOP 404

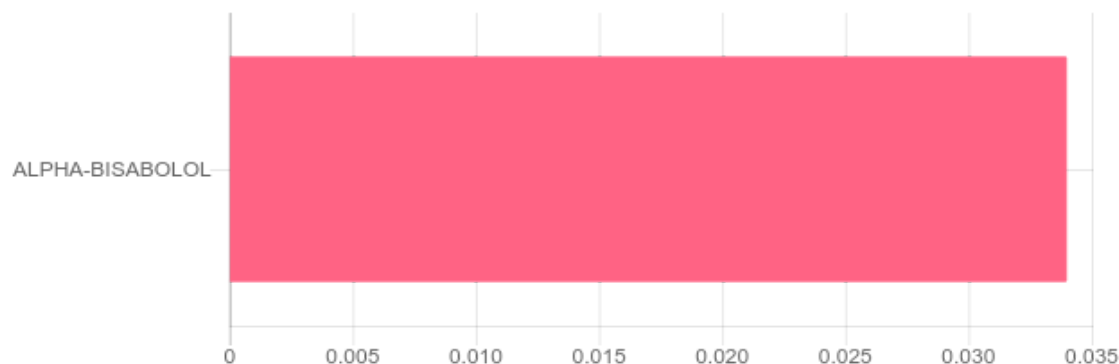
Prepared: 03/05/2020 15:49:30

| Terpene | Results (%) | LOQ (%) | LOD (%) |
|----------------|-------------|---------|---------|
| ALPHA-BISABOOL | 0.034% | 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, LINALOOL, ISOPULEGOL, GERANIOL, CARYOPHYLLENE, HUMULENE, CIS-NEROLIDOL, TRANS-NEROLIDOL, GUAIOL, CARYOPHYLLENE OXIDE

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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RESIDUAL SOLVENTS:

Headspace GCMS - Shimadzu GCMS QP2020 with HS20

GSL SOP 405

Prepared: 03/05/2020 15:54:25

| Residual Solvent | Action Level (ppm) | Results (ppm) | LOQ (ppm) | LOD (ppm) |
|-------------------|--------------------|---------------|-----------|-----------|
| ACETONE | 5,000 | B/LOQ | 140 | 20 |
| ACETONITRILE | 410 | N/D | 25 | 1 |
| BENZENE | 1 | N/D | 1 | 0.5 |
| BUTANE | 5,000 | N/D | 50 | 10 |
| CHLOROFORM | 1 | N/D | 1 | 0.5 |
| DICHLOROETHANE | 1 | N/D | 1 | 0.5 |
| DICHLOROMETHANE | 1 | N/D | 1 | 0.5 |
| ETHANOL | 5,000 | N/D | 140 | 20 |
| ETHYL ACETATE | 5,000 | N/D | 140 | 20 |
| ETHYL ETHER | 5,000 | N/D | 140 | 20 |
| ISOPROPYL ALCOHOL | 5,000 | N/D | 140 | 20 |
| METHANOL | 3,000 | 2,191 | 100 | 20 |
| N-HEPTANE | 5,000 | N/D | 140 | 20 |
| N-HEXANE | 290 | N/D | 18 | 10 |
| PENTANE | 5,000 | N/D | 140 | 20 |
| PROPANE | 5,000 | N/D | 20 | 1 |
| TOLUENE | 890 | N/D | 53 | 1 |
| TRICHLOROETHENE | 1 | N/D | 0 | 0 |
| XYLENES | 2,170 | N/D | 130 | 20 |

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Microbial Analysis:

Microbial Analysis GSL SOP 406

Uploaded: 03/06/2020 19:54:35

PCR - Agilent AriaMX

| Test | Test Method Used | Device Used | LOD | Allowable Criteria | Actual Result | Pass/Fail |
|--------------|------------------|-------------|-----------------|--------------------|---------------|-----------|
| STEC E.COLI* | USP 61/62† | ARIAMX PCR | 2 COPIES OF DNA | PRESENCE / ABSENT | BELOW LOD | PASS |
| SALMONELLA* | USP 61/62† | ARIAMX PCR | 5 COPIES OF DNA | PRESENCE / ABSENT | BELOW LOD | PASS |
| ASPERGILLUS | USP 61/62† | ARIAMX PCR | ASP_LOD*** | PRESENCE / ABSENT | BELOW LOD | PASS |

† USP 61 (enumeration of bacteria TAC, TYM, and ENT/Coliform), USP 62 (identifying specific species E.coli Aspergillus etc)

* STEC and Salmonella run as Multiplex

*** Flavus = 2 Copies of DNA / Fumigatis = 2 Copies of DNA Niger = 20 Copies of DNA / Terrus = 10 copies of DNA

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Heavy Metals Analysis:

ICP-MS - Shimadzu ICPMS-2030
GSL SOP 403

Uploaded: 03/06/2020 15:08:56

| Metal | Action Level (ppb) | Result (ppb) |
|--------------|--------------------|--------------|
| ARSENIC (AS) | 200 | B/LOQ |
| CADMIUM (CD) | 200 | B/LOQ |
| MERCURY (HG) | 100 | B/LOQ |
| LEAD (PB) | 500 | B/LOQ |

Lower Limit of Quantitation (LOQ) is 75 ppb

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