

Certificate of Analysis

Company: KnR Cannabis LLC

Sample ID: Afghani Kush x Steffi Lulu

PO Box 474

Lot: N/A

Report Date: 4/6/2023

Ludlow, VT 05149

Matrix: Flower

Date Analyzed: 4/6/2023

Customer ID: 230117-0

Date Sampled: N/A

Analyst: 011

Grower License #: MANU0010

Date Received: 3/28/2023

Report ID: C230328AA

Cannabinoid Summary

| Cannabinoid Profile | LOQ (mg/g) | Concentration (mg/g) | Weight (%) |
|---------------------------|------------|----------------------|------------|
| CBDVA | 0.0005 | <LOQ | <LOQ |
| CBDV | 0.0012 | <LOQ | <LOQ |
| CBDA | 0.0008 | 28.14 | 2.81 |
| CBGA | 0.0008 | 16.93 | 1.69 |
| CBG | 0.0019 | 2.14 | 0.21 |
| CBD | 0.0019 | 47.71 | 4.77 |
| THCV | 0.0021 | <LOQ | <LOQ |
| CBN | 0.0013 | <LOQ | <LOQ |
| Δ9-THC | 0.0020 | 9.55 | 0.96 |
| Δ8-THC | 0.0019 | <LOQ | <LOQ |
| THC-A | 0.0034 | 66.69 | 6.67 |
| CBC | 0.0024 | 3.60 | 0.36 |
| Total THC | | 68.04 | 6.80 |
| Total CBD | | 72.40 | 7.24 |
| Total Cannabinoids | | 174.76 | 17.48 |

6.8%

Total THC

7.24%

Total CBD

17.48%

Total Cannabinoids

0.96%

Δ9-THC

9.58%

Percent Moisture

1 : 1.1

THC : CBD Ratio

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:
 Total THC = (THCA x 0.877) + Δ9-THC Total CBD = (CBDA x 0.877) + CBD
 Ratio of Total CBD: Total THC Reagent Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.
 Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

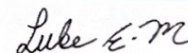
All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.



This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by:



Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

| | | |
|---|---|---|
| Company: KnR Cannabis LLC PO Box 474 Ludlow, VT 05149 Customer ID: 230117-0 Grower License #: MANU0010 | Sample ID: Afghani Kush x Steffi Lulu Lot: N/A Matrix: Flower Date Sampled: N/A Date Received: 3/28/2023 | Report Date: 4/7/2023 Date Analyzed: 3/29/2023 Analyst: 035 Report ID: C230328AA |
|---|---|---|

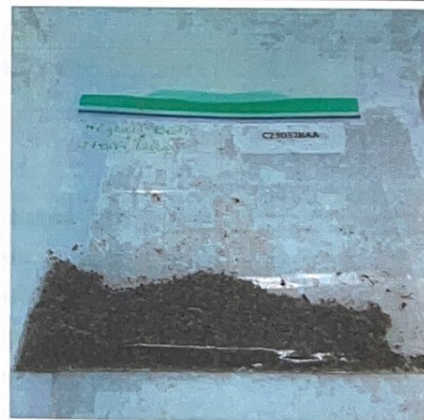
Terpenes Summary

| Terpene | LOQ (mg/g) | Results (mg/g) | Weight (%) |
|----------------------------|------------|----------------|------------|
| α- Pinene | 0.010 | 0.359 | 0.036 |
| Camphene | 0.010 | 0.011 | 0.001 |
| β-Myrcene | 0.010 | 1.500 | 0.150 |
| b-Pinene | 0.010 | 0.228 | 0.023 |
| 3-Carene | 0.010 | <LOQ | <LOQ |
| α-Terpinene | 0.010 | 0.031 | 0.003 |
| Limonene | 0.010 | 0.370 | 0.037 |
| p-Cymene | 0.010 | <LOQ | <LOQ |
| Ocimene | 0.010 | <LOQ | <LOQ |
| Eucalyptol | 0.010 | 0.028 | 0.003 |
| γ-Terpinene | 0.010 | 0.042 | 0.004 |
| Terpinolene | 0.010 | 0.097 | 0.010 |
| Linalool | 0.010 | 0.228 | 0.023 |
| Isopulegol | 0.010 | <LOQ | <LOQ |
| Geraniol | 0.010 | <LOQ | <LOQ |
| Caryophyllene | 0.010 | 1.872 | 0.187 |
| α-Humulene | 0.010 | 0.784 | 0.078 |
| Trans-Nerolidol | 0.010 | <LOQ | <LOQ |
| Cis-Nerolidol | 0.010 | <LOQ | <LOQ |
| Guaial | 0.010 | 0.175 | 0.018 |
| Caryophyllene Oxide | 0.010 | 0.063 | 0.006 |
| α-Bisabolol | 0.010 | 0.288 | 0.029 |
| Total Terpenes | | 6.076 | 0.608 |

| |
|---------------------|
| 9.58% |
| Percent Moisture |

LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (<LOQ).

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS



Reagent Blanks: < LOQs for all analytes

All results reflect dry weight of material, based on % moisture of the sample.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

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Certified by: *Luke E. M.*
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

120 York Street
 Kennebunk, ME 04046
 (207) 467-3478

NELSON ANALYTICAL LAB

RP201017062

ISO 17025:2017 Certification
 ANAB Certificate Number AT-2169
 Maine CDC Accreditation # MTF001
 Office of Marijuana Policy MTF328

Weight Received(g)

REPORT OF ANALYSIS

Date sampled : 10/09/2020

Temp Received:

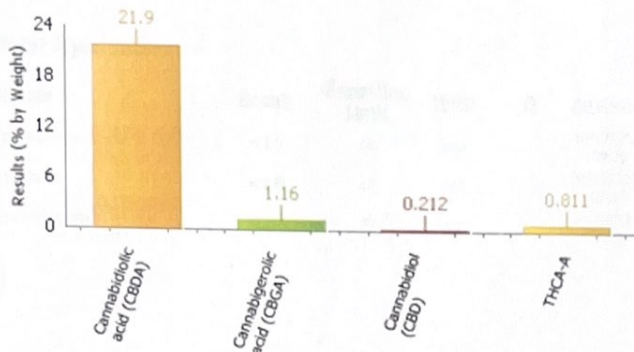
Primmer, Dan

Reported Date: 10/17/2020

C20100148.04

9002920004 SGHH 00(Plant Material)

Steffi Wulu



Cannabinoids by HPLC

| Analyte | Result | Reporting Limit | Units | Q | Analyzed | Method | Analyst | Pass/Fail Limit | Test Remarks |
|-------------------------------|--------------|-----------------|-------------|---|------------------|------------|---------|-----------------|--------------|
| Cannabidivarin (CBDV) | ND | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |
| Cannabidiolic acid (CBDA) | 21.9 | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |
| Cannabigerolic acid (CBGA) | 1.16 | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |
| Cannabigerol (CBG) | ND | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |
| Cannabidiol (CBD) | 0.212 | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |
| Tetrahydrocannabivarin (THCV) | ND | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |
| Cannabinol (CBN) | ND | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |
| Delta-9-THC | ND | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |
| Delta-8-THC | ND | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |
| Cannabichromene (CBC) | ND | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |
| THCA-A | 0.811 | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |

Total Cannabinoids by HPLC (Calculated)

| Analyte | Result | Reporting Limit | Units | Q | Analyzed | Method | Analyst | Pass/Fail Limit | Test Remarks |
|--------------------------------|--------------|-----------------|-------------|---|------------------|------------|---------|-----------------|--------------|
| CBD+CBDA- Calculated | 22.1 | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |
| Total CBD-(Max CBD) Calculated | 19.4 | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |
| THC+THCA- Calculated | 0.811 | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |
| Total THC-(Max THC) Calculated | 0.712 | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |
| Total Cannabinoids- Calculated | 24.1 | 0.1 | % by Weight | | 10/14/2020 15:07 | HPLC SOP-7 | NRS | N/A | |

Results as reported above relate only to samples as submitted, unless specifically noted otherwise.

NELSON ANALYTICAL LAB

120 York Street
Kennebunk, ME 04046
(207) 467-3478

RP201017062

ISO 17025:2017 Certification
ANAB Certificate Number AT-2169
Maine CDC Accreditation # MTF001
Office of Marijuana Policy MTF328

Weight Received(g)

REPORT OF ANALYSIS

Date sampled : 10/09/2020

Temp Received:

Primmer, Dan

Reported Date: 10/17/2020

C20100148.04

9002920004 SGHH 00(Plant Material)

Total Mycotoxins

| Analyte | Result | Reporting Limit | Units | Q | Analyzed | Method | Analyst | Pass/Fail Limit | Test Remarks |
|-------------------------------|--------|-----------------|-------|---|---------------------|--------|---------|-----------------|--------------|
| Total Aflatoxin (B1,B2,G1,G2) | <10 | 10 | ppb | | 10/17/2020 09:30 | ELISA | LAM | N/A | |
| Ochratoxin | <10 | 10 | ppb | | 10/17/2020 09:30 | ELISA | LAM | N/A | |
| Total Mycotoxins | <20 | 20 | ppb | | 10/17/2020 09:30 | ELISA | LAM | 20 | Pass |

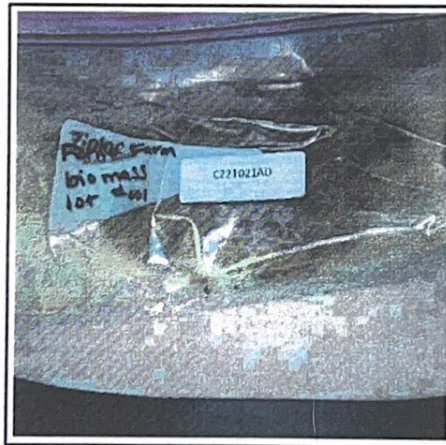
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Certificate of Analysis

| | | |
|---|---|---|
| Company: Fern's Farm <div style="background-color: black; width: 100px; height: 15px; margin: 2px 0;"></div> <div style="background-color: black; width: 100px; height: 15px; margin: 2px 0;"></div> Customer ID: 221021-1 Grower License #: 617 | Sample ID: Fern's Farm Biomass Lot: #001 Matrix: Flower Date Sampled: 10/17/2022 Date Received: 10/21/2022 | Report Date: 11/10/2022 Date Analyzed: 11/10/2022 Analyst: 18 Report ID: C221021AD |
|---|---|---|

Pathogen Summary

| Target Pathogens | Method | LOD (cfu/g) | Result (cfu/g) |
|---|---|-------------|----------------|
| Aspergillus - flavus, fumigatus, niger, terreus | Aspergillus AOAC PTM No. 032104 | 5 | <LOD |
| STEC | STEC Virx AOAC PTM No. 121203 | 5 | <LOD |
| Salmonella spp. | Salmonella II AOAC PTM No. 010803 | 5 | <LOD |



Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).

Reagent Blanks: <LOD for all analytes

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Certified by: *Luke E. M.*
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Fern's Farm
 Sample ID: Harvest Lot #001
 Lot: #001
 Report Date: 12/6/2022
 Matrix: Flower
 Date Analyzed: 12/1/2022
 Customer ID: 221021-1
 Date Sampled: N/A
 Analyst: 45
 Grower License #: 617
 Date Received: 11/21/2022
 Report ID: C221121AC

Pesticides/Mycotoxins Summary

| Category II Residual Pesticide | LOQ (ppm) | Concentration (ppm) |
|--------------------------------|-----------|---------------------|
| Abamectin | 0.0100 | <LOQ |
| Acephate | 0.0010 | <LOQ |
| Acequinocyl | 0.0010 | <LOQ |
| Azoxystrobin | 0.0010 | <LOQ |
| Bifenazate | 0.0010 | <LOQ |
| Bifenthrin | 0.0010 | <LOQ |
| Carbaryl | 0.0010 | <LOQ |
| Cypermethrin | 0.0100 | <LOQ |
| Etoxazole | 0.0010 | <LOQ |
| Imidacloprid | 0.0010 | <LOQ |
| Myclobutanil | 0.0010 | <LOQ |
| Pyrethrin I | 0.0010 | <LOQ |
| Pyrethrin II | 0.0010 | <LOQ |
| Spinosyn A | 0.0010 | <LOQ |
| Spinosyn D | 0.0010 | <LOQ |

| Category II Mycotoxin | LOQ (ppm) | Concentration (ppm) |
|-----------------------|-----------|---------------------|
| Ochratoxin A | 0.0020 | NOT TESTED |
| Aflatoxin B1 | 0.0002 | NOT TESTED |
| Alfatoxin B2 | 0.0010 | NOT TESTED |
| Alfatoxin G1 | 0.0002 | NOT TESTED |
| Alfatoxin G2 | 0.0010 | NOT TESTED |

| Category I Residual Pesticide | LOQ (ppm) | Concentration (ppm) |
|-------------------------------|-----------|---------------------|
| Chlorpyrifos | 0.0010 | <LOQ |
| Imazalil | 0.0010 | <LOQ |

9.20%
Percent Moisture



LOQ = The lowest quantity this method can reliably detect. Any pesticide or mycotoxins that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

ppb = parts per billion

Pesticides/Mycotoxin Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

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