

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 The White
Lot: N/A
Matrix: Flower
Date Sampled: N/A
Date Received: 3/28/2023

Report Date: 4/6/2023
Date Analyzed: 4/6/2023
Analyst: 011
Report ID: C230328AD

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	0.70	0.07
CBGA	0.0008	56.94	5.69
CBG	0.0019	2.51	0.25
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	6.77	0.68
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	67.11	6.71
CBC	0.0024	1.37	0.14
Total THC		65.62	6.56
Total CBD		0.61	0.06
Total Cannabinoids		135.39	13.54

6.56%
Total THC

0.06%
Total CBD

13.54%
Total Cannabinoids

0.68%
Δ9-THC

11.24%
Percent Moisture

1 : 0
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).

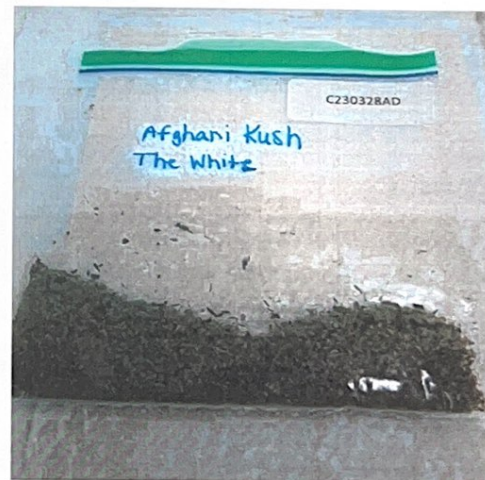
All results reflect dry weight of material, based on % moisture of the sample.

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.



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



Certificate of Analysis

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PO Box 474
Ludlow, VT 05149
Customer ID: 230117-0
Grower License #: MANU0010

Sample ID: Afghani Kush x The White
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: C230328AD

Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α- Pinene	0.010	0.339	0.034
Camphene	0.010	0.014	0.001
β-Myrcene	0.010	0.399	0.040
b-Pinene	0.010	0.282	0.028
3-Carene	0.010	<LOQ	<LOQ
α-Terpinene	0.010	0.045	0.005
Limonene	0.010	0.213	0.021
p-Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	<LOQ	<LOQ
Eucalyptol	0.010	0.026	0.003
γ-Terpinene	0.010	0.060	0.006
Terpinolene	0.010	0.207	0.021
Linalool	0.010	0.041	0.004
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Caryophyllene	0.010	1.795	0.180
α-Humulene	0.010	0.685	0.069
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	0.120	0.012
Caryophyllene Oxide	0.010	0.034	0.003
α-Bisabolol	0.010	0.299	0.030
Total Terpenes		4.559	0.457

11.24%
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

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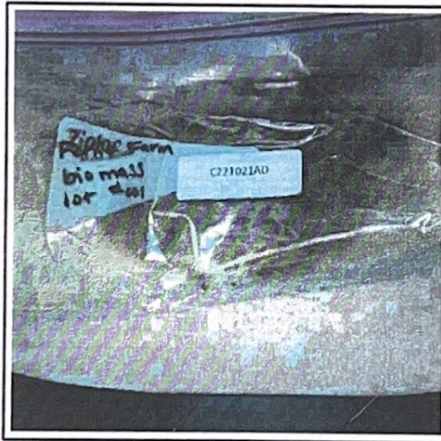
Certified by: Luke E. M.
Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Fern's Farm <div style="background-color: black; width: 100px; height: 15px; margin: 5px 0;"></div> <div style="background-color: black; width: 100px; height: 15px; margin: 5px 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
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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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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

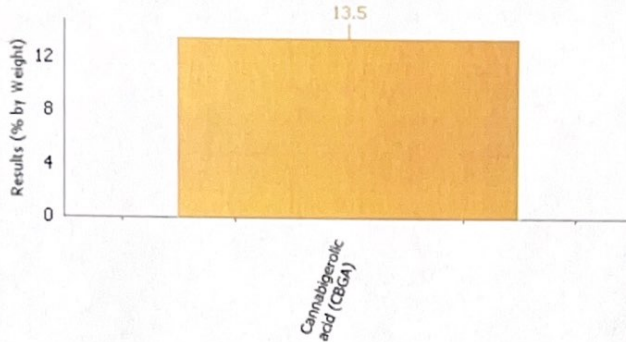
Temp Received:

Primmer, Dan

Reported Date: 10/17/2020

C20100148.07

9002920005TW (Plant Material) *The White*



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 15:38	HPLC SOP-7	NRS	N/A	
Cannabidiolic acid (CBDA)	ND	0.1	% by Weight		10/14/2020 15:38	HPLC SOP-7	NRS	N/A	
Cannabigerolic acid (CBGA)	13.5	0.1	% by Weight		10/14/2020 15:38	HPLC SOP-7	NRS	N/A	
Cannabigerol (CBG)	ND	0.1	% by Weight		10/14/2020 15:38	HPLC SOP-7	NRS	N/A	
Cannabidiol (CBD)	ND	0.1	% by Weight		10/14/2020 15:38	HPLC SOP-7	NRS	N/A	
Tetrahydrocannabinavarin (THCV)	ND	0.1	% by Weight		10/14/2020 15:38	HPLC SOP-7	NRS	N/A	
Cannabinol (CBN)	ND	0.1	% by Weight		10/14/2020 15:38	HPLC SOP-7	NRS	N/A	
Delta-9-THC	ND	0.1	% by Weight		10/14/2020 15:38	HPLC SOP-7	NRS	N/A	
Delta-8-THC	ND	0.1	% by Weight		10/14/2020 15:38	HPLC SOP-7	NRS	N/A	
Cannabichromene (CBC)	ND	0.1	% by Weight		10/14/2020 15:38	HPLC SOP-7	NRS	N/A	
THCA-A	ND	0.1	% by Weight		10/14/2020 15:38	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	13.5	0.1	% by Weight		10/14/2020 15:38	HPLC SOP-7	NRS	N/A	
Total CBD-(Max CBD) Calculated	11.8	0.1	% by Weight		10/14/2020 15:38	HPLC SOP-7	NRS	N/A	
THC+THCA- Calculated	ND	0.1	% by Weight		10/14/2020 15:38	HPLC SOP-7	NRS	N/A	
Total THC-(Max THC) Calculated	ND	0.1	% by Weight		10/14/2020 15:38	HPLC SOP-7	NRS	N/A	
Total Cannabinoids- Calculated	13.5	0.1	% by Weight		10/14/2020 15:38	HPLC SOP-7	NRS	N/A	

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