

Certificate of Analysis

Company: KnR Cannabis LLC	Sample ID: Mimosa Evo x Honolulu Haze	Report Date: 4/6/2023
PO Box 474	Lot: N/A	Date Analyzed: 4/6/2023
Ludlow, VT 05149	Matrix: Flower	Analyst: #011
Customer ID: 230117-0	Date Sampled: N/A	Report ID: C230328AC
Grower License #: MANU0010	Date Received: 3/28/2023	

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	37.30	3.73
CBGA	0.0008	11.74	1.17
CBG	0.0019	2.22	0.22
CBD	0.0019	53.05	5.30
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	10.95	1.09
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	65.19	6.52
CBC	0.0024	2.91	0.29
Total THC		68.12	6.81
Total CBD		85.76	8.58
Total Cannabinoids		183.37	18.34

6.81%	8.58%
Total THC	Total CBD

18.34%	1.09%
Total Cannabinoids	Δ9-THC

10.73%	1 : 1.3
Percent Moisture	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 E. M.
 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: Mimosa Evo x Honolulu Haze
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: C230328AC

Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α- Pinene	0.010	0.256	0.026
Camphene	0.010	0.017	0.002
β-Myrcene	0.010	1.306	0.131
b-Pinene	0.010	0.194	0.019
3-Carene	0.010	<LOQ	<LOQ
α-Terpinene	0.010	0.020	0.002
Limonene	0.010	0.654	0.065
p-Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	<LOQ	<LOQ
Eucalyptol	0.010	0.098	0.010
γ-Terpinene	0.010	0.030	0.003
Terpinolene	0.010	0.057	0.006
Linalool	0.010	0.228	0.023
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Caryophyllene	0.010	2.432	0.243
α-Humulene	0.010	0.965	0.097
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	0.104	0.010
Caryophyllene Oxide	0.010	0.081	0.008
α-Bisabolol	0.010	0.446	0.045
Total Terpenes		6.888	0.690

10.73%
Percent Moisture

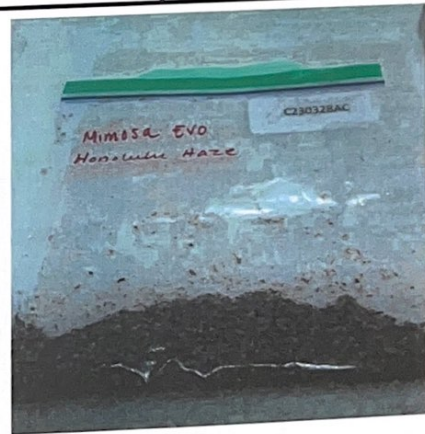
LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (<LOQ).

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.



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

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:

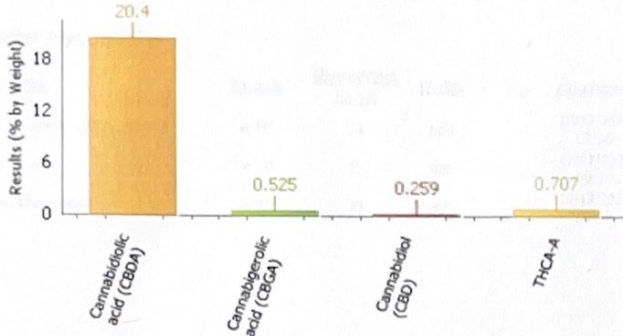
Primmer, Dan

Reported Date: 10/17/2020

C20100148.06

9002920006 HHF3 00(Plant Material)

Honolulu
Haze



Cannabinoids by HPLC

Analyte	Result	Reporting Limit	Units	Q	Analyzed	Method	Analyst	Pass/Fail Limit	Test Remarks
Cannabidiol (CBD)	ND	0.1	% by Weight		10/14/2020 15:27	HPLC SOP-7	NRS	N/A	
Cannabidiolic acid (CBDA)	20.4	0.1	% by Weight		10/14/2020 15:27	HPLC SOP-7	NRS	N/A	
Cannabigerolic acid (CBGA)	0.525	0.1	% by Weight		10/14/2020 15:27	HPLC SOP-7	NRS	N/A	
Cannabigerol (CBG)	ND	0.1	% by Weight		10/14/2020 15:27	HPLC SOP-7	NRS	N/A	
Cannabidiol (CBD)	0.259	0.1	% by Weight		10/14/2020 15:27	HPLC SOP-7	NRS	N/A	
Tetrahydrocannabinol (THCV)	ND	0.1	% by Weight		10/14/2020 15:27	HPLC SOP-7	NRS	N/A	
Cannabinol (CBN)	ND	0.1	% by Weight		10/14/2020 15:27	HPLC SOP-7	NRS	N/A	
Delta-9-THC	ND	0.1	% by Weight		10/14/2020 15:27	HPLC SOP-7	NRS	N/A	
Delta-8-THC	ND	0.1	% by Weight		10/14/2020 15:27	HPLC SOP-7	NRS	N/A	
Cannabichromene (CBC)	ND	0.1	% by Weight		10/14/2020 15:27	HPLC SOP-7	NRS	N/A	
THCA-A	0.707	0.1	% by Weight		10/14/2020 15:27	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	20.6	0.1	% by Weight		10/14/2020 15:27	HPLC SOP-7	NRS	N/A	
Total CBD-(Max CBD) Calculated	18.1	0.1	% by Weight		10/14/2020 15:27	HPLC SOP-7	NRS	N/A	
THC+THCA- Calculated	0.707	0.1	% by Weight		10/14/2020 15:27	HPLC SOP-7	NRS	N/A	
Total THC-(Max THC) Calculated	0.620	0.1	% by Weight		10/14/2020 15:27	HPLC SOP-7	NRS	N/A	
Total Cannabinoids- Calculated	21.9	0.1	% by Weight		10/14/2020 15:27	HPLC SOP-7	NRS	N/A	

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

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

C20100148.06

9002920006 HHF3 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

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



Certificate of Analysis

Company: Fern's Farm

Sample ID: Fern's Farm Biomass

Report Date: 11/10/2022

Lot: #001

Date Analyzed: 11/10/2022

Matrix: Flower

Analyst: 18

Customer ID: 221021-1

Date Sampled: 10/17/2022

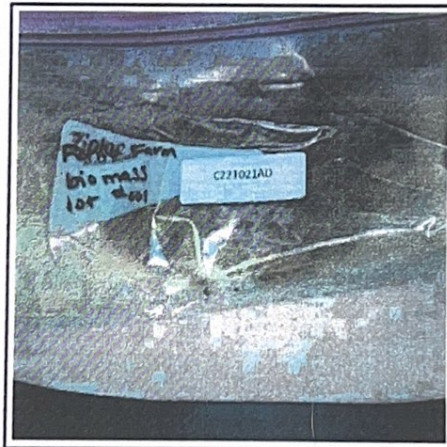
Report ID: C221021AD

Grower License #: 617

Date Received: 10/21/2022

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

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: 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.

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

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.