

Certificate of Analysis

Company: Northern Craft Cannabis PO Box 978 Morrisville, VT 05661 Customer ID: 230228-0 Grower License #: WHLS0003	Sample ID: 1000mg THC Tincture w/Terpenes Lot: MANU003523NCCTINC01 Matrix: Oil Date Sampled: N/A Date Received: 3/1/2023 Report Date: 3/8/2023 Date Analyzed: 3/7/2023 Analyst: 050 Report ID: C230301AS
---	---

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	0.12	0.01
CBGA	0.0008	<LOQ	<LOQ
CBG	0.0019	2.08	0.21
CBD	0.0019	1.65	0.16
THCV	0.0021	0.27	0.03
CBN	0.0013	0.55	0.05
Δ9-THC	0.0020	32.06	3.21
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	0.44	0.04
CBC	0.0024	1.44	0.14
Total THC		32.44	3.24
Total CBD		1.75	0.18
Total Cannabinoids		38.60	3.86

3.24% Total THC	0.18% Total CBD
3.86% Total Cannabinoids	3.21% Δ9-THC
28.35 g Sample Weight	1 : 0.1 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

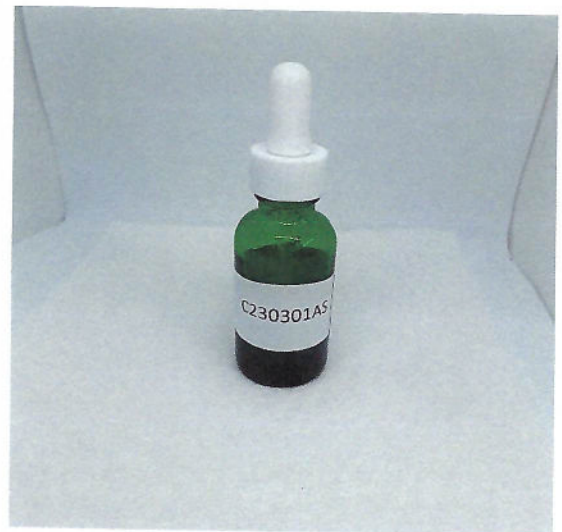
LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

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.

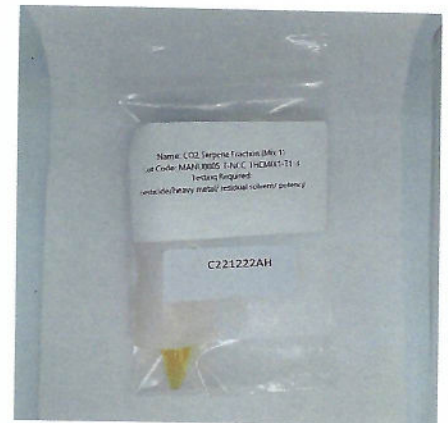
Certified by: Luke E.M.
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Kria Commons 8 Harbor View Rd Burlington, VT 05403 Customer ID: 190904-01 Grower License #: N/A	Sample ID: CO2 Terpene Fraction (MIX1) Lot: MANU0005-T-NCC-THCMIX1-T1-3 Matrix: Concentrate Date Sampled: 12/20/2022 Date Received: 12/22/2022	Report Date: 1/10/2023 Date Analyzed: 1/6/2023 Analyst: 042 Report ID: C221222AH
---	---	---

Heavy Metal Summary

Heavy Metal Profile	LOQ (ppm)	Concentration (ppm)
Arsenic (As)	0.0001	<LOQ
Cadmium (Cd)	0.0001	0.0010
Mercury (Hg)	0.0001	<LOQ
Lead (Pb)	0.0001	0.0100



N/A
Percent Moisture

Heavy Metal Methodology: ICP-MS using PerkinElmer NexION® 2000 ICP Mass Spectrometer

Reagent Blanks: < LOQs for all analytes

ppm = parts per million

LOQ = The lowest quantity that this method can reliably detect. Any heavy metal 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.

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

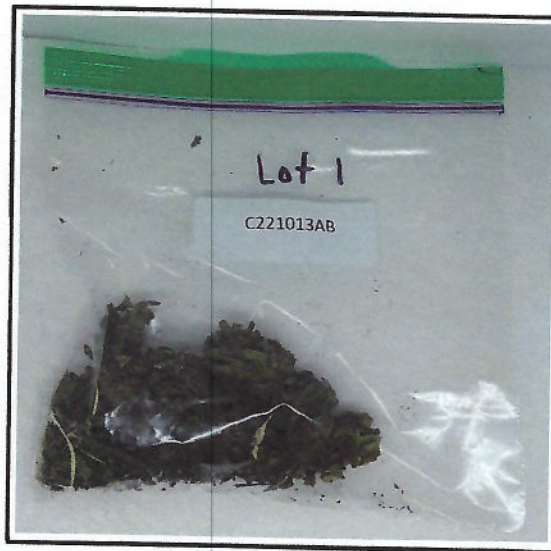
Company: Mt. Gay Farms
PO Box 50
Gaysville, VT 05746
Customer ID: 221013-1
Grower License #: 000_000_443

Sample ID: Lot 1
Lot: N/A
Matrix: Flower-Dry
Date Sampled: 10/13/2022
Date Received: 10/13/2022

Report Date: 10/27/2022
Date Analyzed: 10/26/2022
Analyst: RS
Report ID: C221013AB

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

Certificate of Analysis

Company: Kria Commons 8 Harbor View Rd Burlington, VT 05403 Customer ID: 190904-01 Grower License #: N/A	Sample ID: CO2 Terpene Fraction (MIX1) Lot: MANU0005-T-NCC-THCMIX1-T1-3 Matrix: Concentrate Date Sampled: 12/20/2022 Date Received: 12/22/2022	Report Date: 1/9/2023 Date Analyzed: 1/6/2023 Analyst: 45 Report ID: C221222AH
---	---	---

Pesticides/Mycotoxins Summary

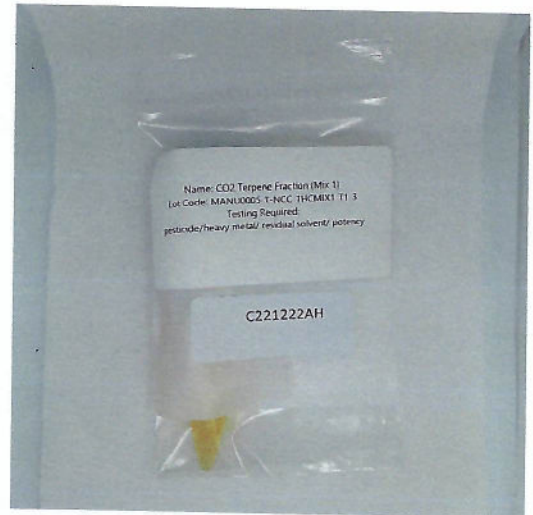
Category II Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Abamectin	0.0100	<LOQ
Acephate	0.0010	<LOQ
Acequinocyl	0.0010	<LOQ
Azoxystrobin	0.0010	<LOQ
Bifenazate	0.0010	<LOQ
Bifenthrin	0.0010	<LOQ
Carbaryl	0.0010	<LOQ
Cypermethrin	0.0100	<LOQ
Etoxazole	0.0010	<LOQ
Imidacloprid	0.0010	<LOQ
Myclobutanil	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

N/A

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.

Certificate of Analysis

Company: Kria Commons
 8 Harbor View Rd
 Burlington, VT 05403
Customer ID: 190904-01
Grower License #: N/A

Sample ID: CO2 THC Crude (MIX1)
Lot: MANU0005-T-NCC-THCMIX1-C1-3 **Report Date:** 1/9/2023
Matrix: Distillate **Date Analyzed:** 1/6/2023
Date Sampled: 12/20/2022 **Analyst:** 45
Date Received: 12/22/2022 **Report ID:** C221222AG

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

N/A
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.