



CBD Topical Product Guarantee

Product Name	CBD Mentholated Cream
Product Category	Topicals/Cosmetics (Not for consumption)
Instructions for use/Preparation	Apply a small amount to the affected area. Use as needed throughout the day. Store in a cool dry place. Do not take internally. Cannabidiol use while pregnant or breastfeeding may be harmful.
CBD Source	CBD sourced from hemp grown under federally authorized state pilot program (e.g. Kentucky, Oregon, or Colorado's R&D program) or approved hemp program.
NOTE: This product is not intended to diagnose, treat, cure or prevent any disease	
WARNING: The safety of this product has not been determined.	
Batch Information	
Batch ID Number	21334
Batch Size	3200 pounds
Units Produced per SKU	Item 54100 (3 oz): 13000 units Item 54105 (1 oz): 5600 units
Manufacture date	11/30/2021
Expiration date	11/30/2023

Approved by Allison Ballard / Quality Assurance Manager

11/30/2021

Date

SAMPLE NAME: CBD Menthol Cream 21334_#65

Infused, Hemp Infused

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Shikai Products

License Number:

Address:

SAMPLE DETAIL

Batch Number: 21334

Sample ID: 211202M037

Date Collected: 12/02/2021

Date Received: 12/02/2021

Batch Size:

Sample Size: 1.0 units

Unit Mass:

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: Not Detected

Total CBD: 4.402 mg/g

Sum of Cannabinoids: 4.402 mg/g

Total Cannabinoids: 4.402 mg/g

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
 Total THC = $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$
 Total CBD = $\text{CBD} + (\text{CBDa} \cdot 0.877)$
 Sum of Cannabinoids = $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$
 Total Cannabinoids = $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

SAFETY ANALYSIS - SUMMARY

Pesticides: ✔ PASS

Mycotoxins: ✔ PASS

Residual Solvents: ✔ PASS

Heavy Metals: ✔ PASS

Microbiology (PCR): ✔ PASS

Foreign Material: ✔ PASS

For quality assurance purposes. Not a Pre-Harvest Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states. Action limits for required tests are either state-specific, or the lower of any conflicting state regulations based upon the panel requested.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

[Signature]
 LQC Verified by: Mackenzie Whitman
 Date: 12/07/2021

[Signature]
 Approved by: Josh Wurzer, President
 Date: 12/07/2021



Cannabinoïd Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: Not Detected

Total THC ($\Delta 9$ THC+0.877*THCa)

TOTAL CBD: 4.402 mg/g

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 4.402 mg/g

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + $\Delta 8$ THC + CBL + CBN

TOTAL CBG: ND

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: ND

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: <LOQ

Total CBDV (CBDV+0.877*CBDVa)



Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

Exclusions¹ see last page

Exclusions² see last page



CANNABINOID TEST RESULTS - 12/04/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.2109	4.402	0.4402
CBDV	0.002 / 0.012	N/A	<LOQ	<LOQ
$\Delta 9$ THC	0.002 / 0.014	N/A	ND	ND
$\Delta 8$ THC	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDA	0.001 / 0.026	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBG	0.002 / 0.006	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBN	0.001 / 0.007	N/A	ND	ND
CBC	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			4.402 mg/g	0.4402%

PESTICIDE TEST RESULTS - 12/04/2021 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	0.03 / 0.10	0.3	N/A	ND	PASS
Acephate	0.02 / 0.07	5	N/A	ND	PASS
Acequinocyl	0.02 / 0.07	4	N/A	ND	PASS
Acetamiprid	0.02 / 0.05	5	N/A	ND	PASS
Aldicarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Azoxystrobin	0.02 / 0.07	40	N/A	ND	PASS
Bifenazate	0.01 / 0.04	5	N/A	ND	PASS
Bifenthrin	0.02 / 0.05	0.5	N/A	ND	PASS
Boscalid	0.03 / 0.09	10	N/A	ND	PASS
Captan	0.19 / 0.57	5	N/A	ND	PASS
Carbaryl	0.02 / 0.06	0.5	N/A	ND	PASS
Carbofuran	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Chlorantraniliprole	0.04 / 0.12	40	N/A	ND	PASS

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 12/04/2021 *continued* ✔ PASS

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Chlordane*	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Chlorfenapyr*	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Clofentezine	0.03 / 0.09	0.5	N/A	ND	PASS
Coumaphos	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Cyfluthrin	0.12 / 0.38	1	N/A	ND	PASS
Cypermethrin	0.11 / 0.32	1	N/A	ND	PASS
Daminozide	0.02 / 0.07	≥ LOD	N/A	ND	PASS
DDVP (Dichlorvos)	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Diazinon	0.02 / 0.05	0.2	N/A	ND	PASS
Dimethoate	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Dimethomorph	0.03 / 0.09	20	N/A	ND	PASS
Ethoprop(hos)	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Etofenprox	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Etoxazole	0.02 / 0.06	1.5	N/A	ND	PASS
Fenhexamid	0.03 / 0.09	10	N/A	ND	PASS
Fenoxycarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Fenpyroximate	0.02 / 0.06	2	N/A	ND	PASS
Fipronil	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Flonicamid	0.03 / 0.10	2	N/A	ND	PASS
Fludioxonil	0.03 / 0.10	30	N/A	ND	PASS
Hexythiazox	0.02 / 0.07	2	N/A	ND	PASS
Imazalil	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Imidacloprid	0.04 / 0.11	3	N/A	ND	PASS
Kresoxim-methyl	0.02 / 0.07	1	N/A	ND	PASS
Malathion	0.03 / 0.09	5	N/A	ND	PASS
Metalaxyl	0.02 / 0.07	15	N/A	ND	PASS
Methiocarb	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Methomyl	0.03 / 0.10	0.1	N/A	ND	PASS
Methyl parathion	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Mevinphos	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Myclobutanil	0.03 / 0.09	9	N/A	ND	PASS
Naled	0.02 / 0.07	0.5	N/A	ND	PASS
Oxamyl	0.04 / 0.11	0.2	N/A	ND	PASS
Paclobutrazol	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Pentachloronitrobenzene*	0.03 / 0.09	0.2	N/A	ND	PASS
Permethrin	0.04 / 0.12	20	N/A	ND	PASS
Phosmet	0.03 / 0.10	0.2	N/A	ND	PASS
Piperonylbutoxide	0.02 / 0.07	8	N/A	ND	PASS
Prallethrin	0.03 / 0.08	0.4	N/A	ND	PASS
Propiconazole	0.02 / 0.07	20	N/A	ND	PASS

Continued on next page





Pesticide Analysis *Continued*

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

PESTICIDE TEST RESULTS - 12/04/2021 *continued* ✔ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Propoxur	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Pyrethrins	0.04 / 0.12	1	N/A	ND	PASS
Pyridaben	0.02 / 0.07	3	N/A	ND	PASS
Spinetoram	0.02 / 0.07	3	N/A	ND	PASS
Spinosad	0.02 / 0.07	3	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	12	N/A	ND	PASS
Spirotetramat	0.02 / 0.06	13	N/A	ND	PASS
Spiroxamine	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	2	N/A	ND	PASS
Thiacloprid	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Thiamethoxam	0.03 / 0.10	4.5	N/A	ND	PASS
Trifloxystrobin	0.03 / 0.08	30	N/A	ND	PASS



Mycotoxin Analysis

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

Exclusions³ see last page

MYCOTOXIN TEST RESULTS - 12/04/2021 ✔ PASS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	2.0 / 6.0		N/A	ND	
Aflatoxin B2	1.8 / 5.6		N/A	ND	
Aflatoxin G1	1.0 / 3.1		N/A	ND	
Aflatoxin G2	1.2 / 3.5		N/A	ND	
Total Aflatoxin		20		ND	PASS
Ochratoxin A	6.3 / 19.2	20	N/A	ND	PASS



Residual Solvents Analysis

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

Exclusions⁴ see last page

RESIDUAL SOLVENTS TEST RESULTS - 12/04/2021 ✔ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Propane	10 / 20	5000	N/A	ND	PASS
Butane	10 / 50	5000	N/A	ND	PASS
Pentane	20 / 50	5000	N/A	ND	PASS
Hexane	2 / 5	290	N/A	ND	PASS
Heptane	20 / 60	5000	N/A	ND	PASS
Benzene	0.03 / 0.09	1	N/A	ND	PASS
Toluene	7 / 21	890	N/A	ND	PASS
Total Xylenes	50 / 160	2170	N/A	ND	PASS
Methanol	50 / 200	3000	N/A	ND	PASS
Ethanol	20 / 50	5000	N/A	ND	PASS
Isopropyl Alcohol	10 / 40	5000	N/A	ND	PASS
Acetone	20 / 50	5000	N/A	ND	PASS
Ethyl ether	20 / 50	5000	N/A	ND	PASS

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Residual Solvents Analysis

Continued

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

RESIDUAL SOLVENTS TEST RESULTS - 12/04/2021 *continued* ✔ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Ethylene Oxide	0.3 / 0.8	1	N/A	ND	PASS
Ethyl acetate	20 / 60	5000	N/A	ND	PASS
Chloroform	0.1 / 0.2	1	N/A	ND	PASS
Methylene chloride	0.3 / 0.9	1	N/A	ND	PASS
Trichloroethylene	0.1 / 0.3	1	N/A	ND	PASS
1,2-Dichloroethane	0.05 / 0.1	1	N/A	ND	PASS
Acetonitrile	2 / 7	410	N/A	ND	PASS



Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 12/03/2021 ✔ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	0.02 / 0.1	0.42	N/A	ND	PASS
Cadmium	0.02 / 0.05	0.27	N/A	ND	PASS
Lead	0.04 / 0.1	0.5	N/A	ND	PASS
Mercury	0.002 / 0.01	0.4	N/A	ND	PASS



Microbiology Analysis

PCR

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 12/04/2021 ✔ PASS

COMPOUND	ACTION LIMIT	RESULT	RESULT
Shiga toxin-producing <i>Escherichia coli</i>	Not Detected in 1g	ND	PASS
<i>Salmonella</i> spp.	Not Detected in 1g	ND	PASS



Foreign Material Analysis

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta.

Method: QSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

FOREIGN MATERIAL TEST RESULTS - 12/03/2021 ✔ PASS

COMPOUND	ACTION LIMIT	RESULT
Total Sample Area Covered by Sand, Soil, Cinders, or Dirt	>25%	PASS
Total Sample Area Covered by Mold	>25%	PASS
Total Sample Area Covered by an Imbedded Foreign Material	>25%	PASS
Insect Fragment Count	> 1 per 3 grams	PASS
Hair Count	> 1 per 3 grams	PASS
Mammalian Excreta Count	> 1 per 3 grams	PASS

NOTES

COA amended, update to results.

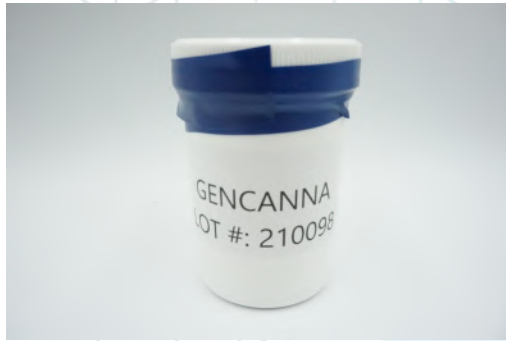
1. Exclusions: QSP 1213 - Sample Certification: California Code of Regulation Title 4 Division 19
2. Exclusions: QSP 1212 - Sample Certification: California Code of Regulation Title 4 Division 19
3. Exclusions: Sample Certification: California Code of Regulation Title 4 Division 19
4. Exclusions: Sample Certification: California Code of Regulation Title 4 Division 19



210098CC

 Sample ID: SA-07262021-2926
 Batch: 210098CC
 Type: In-Process Materials
 Matrix: Concentrate - Isolate

 Received: 07/27/2021
 Completed: 08/03/2021

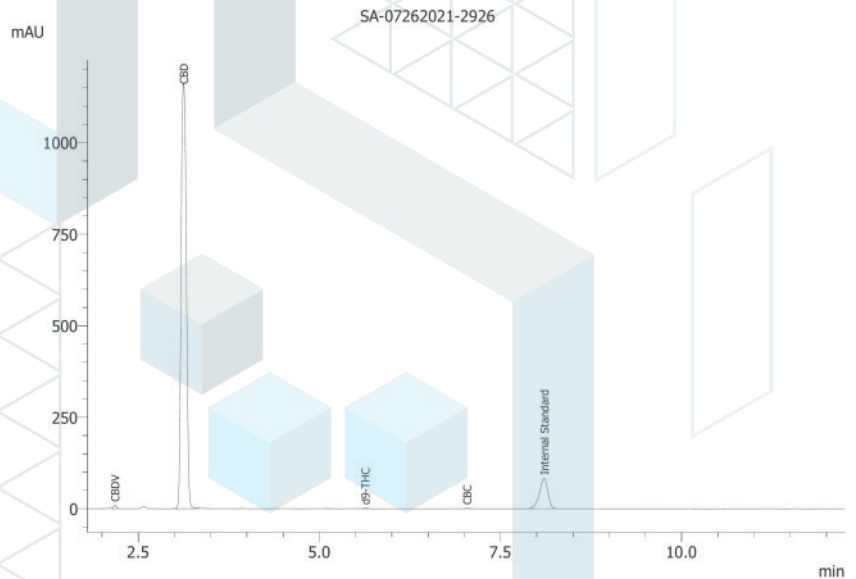
Client
 GenCanna Acquisition Corp.
 4274 Colby Road
 Winchester, KY 40391
 USA
 Lic. #: P-2270

Summary

Test	Date Tested	Status
Cannabinoids	07/28/2021	Tested
Heavy Metals	07/28/2021	Tested
Microbials	08/03/2021	Tested
Mycotoxins	07/30/2021	Tested
Pesticides	07/30/2021	Tested
Residual Solvents	08/03/2021	Tested

Cannabinoids by HPLC-PDA

<RL	99.4 %	99.9 %	Not Tested	Not Tested	Yes
Total Δ9-THC	CBD	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Marker Recovered

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	0.2368	2.3684
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	99.362	993.62
CBDA	0.0043	0.013	ND	ND
CBDV	0.0061	0.0182	0.2368	2.3684
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	ND	ND
CBNA	0.006	0.0181	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0076	0.0227	<RL	<RL
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
Total Δ9-THC			<RL	<RL
Total CBD			99.362	993.62
Total			99.873	998.73



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD; Total Δ9-THC Measurement Uncertainty = ±12%



08/03/2021


 ISO/IEC 17025:2017 Accredited
 Accreditation #108651




KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

+1-833-KCA-LABS
<https://kcalabs.com>
KDA Lic.# P_0058

Certificate of Analysis

210098CC

Sample ID: SA-07262021-2926
Batch: 210098CC
Type: In-Process Materials
Matrix: Concentrate - Isolate

Received: 07/27/2021
Completed: 08/03/2021

Client
GenCanna Acquisition Corp.
4274 Colby Road
Winchester, KY 40391
USA
Lic. #: P-2270

Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

08/03/2021



210098CC

 Sample ID: SA-07262021-2926
 Batch: 210098CC
 Type: In-Process Materials
 Matrix: Concentrate - Isolate

 Received: 07/27/2021
 Completed: 08/03/2021

Client
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Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	1	5	ND	Hexythiazox	1	5	ND
Acequinocyl	1	5	ND	Imazalil	1	5	ND
Acetamiprid	1	5	ND	Imidacloprid	1	5	ND
Aldicarb	1	5	ND	Kresoxim methyl	1	5	ND
Azoxystrobin	1	5	ND	Malathion	1	5	ND
Bifenazate	1	5	ND	Metalaxyl	1	5	ND
Bifenthrin	1	5	ND	Methiocarb	1	5	ND
Boscalid	1	5	ND	Methomyl	1	5	ND
Carbaryl	1	5	ND	Mevinphos	1	5	ND
Carbofuran	1	5	ND	Myclobutanil	1	5	ND
Chloranthraniliprole	1	5	ND	Naled	1	5	ND
Chlorfenapyr	1	5	ND	Oxamyl	1	5	ND
Chlorpyrifos	1	5	ND	Paclobutrazol	1	5	ND
Clofentezine	1	5	ND	Permethrin	1	5	ND
Coumaphos	1	5	ND	Phosmet	1	5	ND
Daminozide	1	5	ND	Piperonyl Butoxide	1	5	ND
Diazinon	1	5	ND	Prallethrin	1	5	ND
Dimethoate	1	5	ND	Propiconazole	1	5	ND
Dimethomorph	1	5	ND	Propoxur	1	5	ND
Ethoprophos	1	5	ND	Pyrethrins	1	5	ND
Etofenprox	1	5	ND	Pyridaben	1	5	ND
Etoxazole	1	5	ND	Spinetoram	1	5	ND
Fenhexamid	1	5	ND	Spinosad	1	5	ND
Fenoxycarb	1	5	ND	Spiromesifen	1	5	ND
Fenpyroximate	1	5	ND	Spirotetramat	1	5	ND
Fipronil	1	5	ND	Spiroxamine	1	5	ND
Fonicamid	1	5	ND	Tebuconazole	1	5	ND
Fludioxonil	1	5	ND	Thiacloprid	1	5	ND
				Thiamethoxam	1	5	ND
				Trifloxystrobin	1	5	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



08/03/2021



210098CC

 Sample ID: SA-07262021-2926
 Batch: 210098CC
 Type: In-Process Materials
 Matrix: Concentrate - Isolate

 Received: 07/27/2021
 Completed: 08/03/2021

Client
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Microbials by qPCR and/or Plating

Analyte	LOD	Result (CFU/g)
Coliforms	1	ND
Yeast & Mold	1	ND
Aerobic Bacteria	1	ND
E.coli/Coliforms	1	ND
Salmonella	1	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit



08/03/2021





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 232 North Plaza Drive
 Nicholasville, KY 40356

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<https://kcalabs.com>
 KDA Lic.# P_0058

Certificate of Analysis

210098CC

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 4274 Colby Road
 Winchester, KY 40391
 USA
 Lic. #: P-2270

Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

08/03/2021



210098CC

 Sample ID: SA-07262021-2926
 Batch: 210098CC
 Type: In-Process Materials
 Matrix: Concentrate - Isolate

 Received: 07/27/2021
 Completed: 08/03/2021

Client
 GenCanna Acquisition Corp.
 4274 Colby Road
 Winchester, KY 40391
 USA
 Lic. #: P-2270

Residual Solvents by HS-GC-MS/MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	0.5	1	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	0.5	1	ND	Heptane	0.5	1	ND
Benzene	0.5	1	ND	n-Hexane	0.5	1	65.19
Butane	0.5	1	<RL	Isobutane	0.5	1	<RL
1-Butanol	0.5	1	ND	Isopropyl Acetate	0.5	1	ND
2-Butanol	0.5	1	ND	Isopropyl Alcohol	0.5	1	ND
2-Butanone	0.5	1	ND	Isopropylbenzene	0.5	1	ND
Chloroform	0.5	1	ND	Methanol	0.5	1	ND
Cyclohexane	0.5	1	<RL	2-Methylbutane	0.5	1	<RL
1,2-Dichloroethane	0.5	1	ND	Methylene Chloride	0.5	1	ND
1,2-Dimethoxyethane	0.5	1	ND	2-Methylpentane	0.5	1	167.39
Dimethyl Sulfoxide	0.5	1	ND	3-Methylpentane	0.5	1	95.56
N,N-Dimethylacetamide	0.5	1	ND	n-Pentane	0.5	1	<RL
2,2-Dimethylbutane	0.5	1	<RL	1-Pentanol	0.5	1	ND
N,N-Dimethylformamide	0.5	1	ND	n-Propane	0.5	1	<RL
2,2-Dimethylpropane	0.5	1	ND	1-Propanol	0.5	1	ND
1,4-Dioxane	0.5	1	ND	Pyridine	0.5	1	ND
Ethanol	0.5	1	ND	Tetrahydrofuran	0.5	1	ND
2-Ethoxyethanol	0.5	1	ND	Toluene	0.5	1	ND
Ethyl Acetate	0.5	1	ND	Trichloroethylene	0.5	1	ND
Ethyl Ether	0.5	1	ND	Tetramethylene Sulfone	0.5	1	ND
Ethylbenzene	0.5	1	ND	Xylenes (o-, m-, and p-)	0.5	1	ND
Ethylene Glycol	0.5	1	ND				

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



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Reporting Limit Appendix

Cannabinoids - GenCanna Spec

Analyte	Limit (%)	Analyte	Limit (%)
Δ9-THC	0.1	Δ9-THCA	0.1
Total THC	0.1		

Heavy Metals -

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Arsenic	200	Lead	500
Cadmium	200	Mercury	100

Microbials -

Analyte	Limit (CFU/g)	Analyte	Limit (CFU/g)
Coliforms	1	Aerobic Bacteria	1000
Bile-Tolerant Gram-Negative Bacteria	1000	E.coli/Coliforms	1
Yeast & Mold	1000	Salmonella	1

Residual Solvents -

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	500	Ethylene Oxide	1
Acetonitrile	41	Heptane	500
Benzene	1	n-Hexane	29
Butane	500	Isobutane	500
1-Butanol	500	Isopropyl Acetate	500
2-Butanol	500	Isopropyl Alcohol	50
2-Butanone	500	Isopropylbenzene	7
Chloroform	6	Methanol	300
Cyclohexane	388	2-Methylbutane	500
1,2-Dichloroethane	1	Methylene Chloride	60
1,2-Dimethoxyethane	10	2-Methylpentane	29
Dimethyl Sulfoxide	500	3-Methylpentane	29
N,N-Dimethylacetamide	109	n-Pentane	500
2,2-Dimethylbutane	29	1-Pentanol	500
N,N-Dimethylformamide	88	n-Propane	500
2,2-Dimethylpropane	500	1-Propanol	500
1,4-Dioxane	38	Pyridine	20
Ethanol	500	Tetrahydrofuran	72
2-Ethoxyethanol	16	Toluene	89
Ethyl Acetate	500	Trichloroethylene	8
Ethyl Ether	500	Tetramethylene Sulfone	16
Ethylbenzene	7	Xylenes (o-, m-, and p-)	217
Ethylene Glycol	62		

Mycotoxins -

Analyte	Limit (ppm)	Analyte	Limit (ppm)
B1	20	B2	20
G1	20	G2	20
Ochratoxin A	20		

