info@shikai.com www.shikai.com



# **CBD Topical Product Guarantee**

<b>Product Name</b>	CBD Double Strength Cream
<b>Product Category</b>	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 d	iagnose, treat, cure or prevent any disease
WARNING: The safety of this product h	as not been determined.
<b>Batch Information</b>	
<b>Batch ID Number</b>	21120
Batch Size	400 lbs
<b>Units Produced per SKU</b>	Item 54000 (2 oz): 2880 units
Manufacture date	04/30/2021
Expiration date	04/30/2023

Approved by Allison Ballard / Quality Assurance Manager

Date



## **Hemp Quality Assurance Testing**

## **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 05/07/2021** 

SAMPLE NAME: CBD Double Strength Cream 21120\_#12

Infused, Non-Inhalable

**CULTIVATOR / MANUFACTURER** 

**Business Name:** License Number:

Address:

SAMPLE DETAIL

Batch Number: 21120 Sample ID: 210504P025 **DISTRIBUTOR / TESTED FOR** 

Business Name: Shikai Products

License Number:

Address:

Date Collected: 05/04/2021 Date Received: 05/04/2021

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: 10.585 mg/g

Sum of Cannabinoids: 10.623 mg/g

Total Cannabinoids: 10.623 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 =  $\Delta$ 9THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta$ 9THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta$ 8THC + CBL + CBN Total Cannabinoids = (Δ9THC+0.877\*THCa) + (CBD+0.877\*CBDa) +

(CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) +

(CBDV+0.877\*CBDVa) + Δ8THC + CBL + CBN

Moisture: NT

Density: NT

Viscosity: NT

#### **SAFETY ANALYSIS - SUMMARY**

Pesticides: PASS

Mycotoxins: NT

Residual Solvents: PASS

Heavy Metals: PASS

Microbiology (PCR): NT

Microbiology (Plating): ND

Foreign Material: NT

Water Activity: NT

Vitamin E: NT

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: California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013, Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

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), too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

roved by: Josh Wurzer, President



# **Hemp Quality Assurance Testing**

### **CERTIFICATE OF ANALYSIS**

CBD DOUBLE STRENGTH CREAM 21120\_#12 | DATE ISSUED 05/07/2021



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 (Δ9THC+0.877\*THCa)

TOTAL CBD: 10.585 mg/g
Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 10.623 mg/g

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta$ 8THC + 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: 0.038 mg/g
Total CBDV (CBDV+0.877\*CBDVa)

#### **CANNABINOID TEST RESULTS - 05/06/2021**

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.5070	10.585	1.0585
CBDV	0.002 / 0.012	±0.0020	0.038	0.0038
Δ9ΤΗС	0.002 / 0.014	N/A	ND	ND
Δ8ΤΗC	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
СВС	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNA	BINOIDS		10.623 mg/g	1.0623%

MOISTURE TEST RESULT	DENSITY TEST RESULT	VISCOSITY TEST RESULT
Not Tested	Not Tested	Not Tested





## **Hemp Quality Assurance Testing**

# **CERTIFICATE OF ANALYSIS**

CBD DOUBLE STRENGTH CREAM 21120\_#12 | DATE ISSUED 05/07/2021



## **Pesticide Analysis**

#### **CATEGORY 1 AND 2 PESTICIDES**

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

### CATEGORY 1 PESTICIDE TEST RESULTS - 05/05/2021 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Chlorpyrifos	0.02 / 0.06	≥LOD	N/A	ND	PASS
CATEGORY 2 PESTICIDE	TEST RESULTS	<b>S</b> - 05/05/2021	<b>⊘</b> PASS		
Abamectin	0.03 / 0.10	0.3	N/A	ND	PASS
Azoxystrobin	0.01/0.04	40	N/A	ND	PASS
Bifenazate	0.01/0.02	5	N/A	ND	PASS
Bifenthrin	0.01/0.02	0.5	N/A	ND	PASS
Boscalid	0.02 / 0.06	10	N/A	ND	PASS
Cypermethrin	0.1/0.3	1	N/A	ND	PASS
Etoxazole	0.010 / 0.028	1.5	N/A	ND	PASS
Hexythiazox	0.01 / 0.04	2	N/A	ND	PASS
Imidacloprid	0.01/0.04	3	N/A	ND	PASS
Malathion	0.02 / 0.05	5	N/A	ND	PASS
Myclobutanil	0.03 / 0.1	9	N/A	ND	PASS
Permethrin	0.03 / 0.09	20	N/A	ND	PASS
Piperonylbutoxide	0.003 / 0.009	8	N/A	ND	PASS
Propiconazole	0.01 / 0.03	20	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	12	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	2	N/A	ND	PASS
Trifloxystrobin	0.01/0.03	30	N/A	ND	PASS





### **CERTIFICATE OF ANALYSIS**

CBD DOUBLE STRENGTH CREAM 21120\_#12 | DATE ISSUED 05/07/2021



# **Residual Solvents Analysis**

#### **CATEGORY 1 AND 2 RESIDUAL SOLVENTS**

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

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

### CATEGORY 1 RESIDUAL SOLVENTS TEST RESULTS - 05/07/2021 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
1,2-Dichloroethane	0.05 / 0.1	1	N/A	ND	PASS
Benzene	0.03 / 0.09	1	N/A	ND	PASS
Chloroform	0.1 / 0.2	1	N/A	ND	PASS
Ethylene Oxide	0.3 / 0.8	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

#### CATEGORY 2 RESIDUAL SOLVENTS TEST RESULTS - 05/07/2021 PASS

	Acetone	20/50	5000	N/A	ND	PASS
	Acetonitrile	2/7	410	N/A	ND	PASS
	Butane	10/50	5000	N/A	ND	PASS
Ī	Ethanol	20/50	5000	N/A	ND	PASS
	Ethyl acetate	20/60	5000	N/A	ND	PASS
Ī	Ethyl ether	20/50	5000	N/A	ND	PASS
Ī	Heptane	20/60	5000	N/A	ND	PASS
	Hexane	2/5	290	N/A	ND	PASS
Ī	Isopropyl Alcohol	10 / 40	5000	N/A	ND	PASS
Ī	Methanol	50/200	3000	N/A	ND	PASS
	Pentane	20/50	5000	N/A	ND	PASS
	Propane	10/20	5000	N/A	ND	PASS
	Toluene	7/21	890	N/A	ND	PASS
	Total Xylenes	50 / 160	2170	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** - 05/04/2021 **⊘ PASS**

	COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Ī	Cadmium	0.02 / 0.05	0.5	N/A	ND	PASS
	Lead	0.04 / 0.1	0.5	N/A	ND	PASS
N	Arsenic	0.02 / 0.1	1.5	N/A	ND	PASS
	Mercury	0.002 / 0.01	3	N/A	ND	PASS



## **Microbiology Analysis**

PLATING

Analysis conducted by  $3M^{TM}$  Petrifilm and plate counts of microbiological contaminants.

 $\textbf{Method:} \ \mathsf{QSP} \ \mathsf{6794} \ \mathsf{-} \ \mathsf{Plating} \ \mathsf{with} \ \mathsf{3M}^{\mathsf{TM}} \ \mathsf{Petrifilm}^{\mathsf{TM}}$ 

### MICROBIOLOGY TEST RESULTS (PLATING) - 05/07/2021 ND

COMPOUND	RESULT (cfu/g)
Total Aerobic Bacteria	ND
Total Yeast and Mold	ND





**License No.** 800025015 FL License # CMTL-0003 CLIA No. 10D1094068



Crystalline Cannabidiol Sample Matrix: CBD/HEMP Edibles (Ingestion)



# **Certi cate of Analysis**

**Compliance Test** 

### **GENCANNA ACQUISITION** CORP.

**4274 COLBY ROAD WINCHESTER, KY 40391** 

Order # GEN210212-020003 Order Date: 2021-02-12 Sample # AAAZ592

Batch # 210008CC Batch Date: 2021-02-12 Extracted From: Industrial Hemp

Completion Date: 2021-02-22

Residual

Solvents

**Passed** 

Sampling Method: MSP 7.3.1 Test Reg

**Sampling Date:** 2021-02-16 **Lab Batch Date:** 2021-02-16 Initial Gross Weight: 38.016 g

Moisture

**Tested** 













Listeria Monocytogenes

**Passed** 





Product Image

# Potency 20 - GenCanna

Specimen Weight: 47 790 mg

Specimen weig				
Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	0.000054	0.1	991.0	99.1
CBDV	0.000065	0.1	4.3	0.4
Exo-THC	0.00023	0.1		<l0q< td=""></l0q<>
THCVA	0.000047	0.1		<l0q< td=""></l0q<>
THCV	0.000007	0.1		<l0q< td=""></l0q<>
THCA-A	0.000032	0.1		<loq< td=""></loq<>
CBC	0.000018	0.1		<loq< td=""></loq<>
Delta-9 THC	0.000013	0.1		<l0q< td=""></l0q<>
CBCA	0.000107	0.1		<loq< td=""></loq<>
Delta-8 THC	0.000026	0.1		<loq< td=""></loq<>
Delta-10 THC	0.000003	0.1		<loq< td=""></loq<>
CBT	0.0002	0.1		<loq< td=""></loq<>
CBNA	0.000095	0.1		<loq< td=""></loq<>
CBN	0.000014	0.1		<loq< td=""></loq<>
CBL	0.000035	0.1		<loq< td=""></loq<>
CBGA	0.00008	0.1		<loq< td=""></loq<>
CBG	0.000248	0.1		<l0q< td=""></l0q<>
CBDVA	0.000014	0.1		<loq< td=""></loq<>
CBDA	0.00001	0.1		<loq< td=""></loq<>
Delta-8 THCV	0.00004	0.1		<l0q< td=""></l0q<>

#### **Tested** (LCUV)

◆ Pote	ency Summary
Total CBD	Total T
99.100%	None Det
Total CBG	Total C
None Detected	None Det
Other Cannabinoids	Total Canna
0.426%	99.520

Total THC None Detected Total CBN None Detected **Total Cannabinoids** 

**Terpenes Summary** 

Result (mg/ml) (%) Analyte

Total Terpenes: 0.000%

Detailed Terpenes Analysis is on the following page

Lab Toxicologist

Lab Director/Principal Scientist Aixia Sun

D.H.Sc., M.Sc., B.Sc., MT (AAB)

Xueli Gao Ph.D., DABT





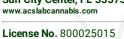
De nitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Detection, Dilution = Dilution Teator (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 5%





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Crystalline Cannabidiol Sample Matrix: CBD/HEMP Edibles (Ingestion)



FL License # CMTL-0003 CLIA No. 10D1094068

# **Certi cate of Analysis**

**Compliance Test** 

GENCANNA ACQUISITION

4274 COLBY ROAD WINCHESTER, KY 40391 Batch # 210008CC Batch Date: 2021-02-12 Extracted From: Industrial Hemp Sampling Method: MSP 7.3.1 Test Reg

State: Florida

Order # GEN210212-020003 Order Date: 2021-02-12 Sample # AAAZ592 Sampling Date: 2021-02-16 Lab Batch Date: 2021-02-16 Completion Date: 2021-02-22 Initial Gross Weight: 38.016 g



Terpenes - FL

Tested (GC)

Specimen Weight: 33.680 mg

Dilution Factor: 1.000								
Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)	
(+)-Cedrol	0.02		<l0q< td=""><td>Nerol</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></l0q<>	Nerol	0.02		<loq< td=""><td></td></loq<>	
Geraniol	0.02		<loq< td=""><td>Geranyl acetate</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	Geranyl acetate	0.02		<loq< td=""><td></td></loq<>	
Guaiol	0.02		<l0q< td=""><td>Hexahydrothymol</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></l0q<>	Hexahydrothymol	0.02		<loq< td=""><td></td></loq<>	
Isoborneol	0.02		<loq< td=""><td>Isopulegol</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	Isopulegol	0.02		<loq< td=""><td></td></loq<>	
Linalool	0.02		<loq< td=""><td>Ocimene</td><td>0.014</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	Ocimene	0.014		<loq< td=""><td></td></loq<>	
Fenchyl Alcohol	0.02		<loq< td=""><td>Pulegone</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	Pulegone	0.02		<loq< td=""><td></td></loq<>	
Sabinene	0.02		<loq< td=""><td>Sabinene Hydrate</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	Sabinene Hydrate	0.02		<loq< td=""><td></td></loq<>	
Terpineol	0.02		<loq< td=""><td>Terpinolene</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	Terpinolene	0.02		<loq< td=""><td></td></loq<>	
trans-Caryophyllene	0.02		<loq< td=""><td>trans-Nerolidol</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	trans-Nerolidol	0.02		<loq< td=""><td></td></loq<>	
Gamma-Terpinene	0.02		<loq< td=""><td>Fenchone</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	Fenchone	0.02		<loq< td=""><td></td></loq<>	
(R)-(+)-Limonene	0.02		<loq< td=""><td>alpha-Terpinene</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	alpha-Terpinene	0.02		<loq< td=""><td></td></loq<>	
3-Carene	0.02		<loq< td=""><td>alpha-Bisabolol</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	alpha-Bisabolol	0.02		<loq< td=""><td></td></loq<>	
alpha-Cedrene	0.02		<loq< td=""><td>alpha-Humulene</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	alpha-Humulene	0.02		<loq< td=""><td></td></loq<>	
alpha-Phellandrene	0.02		<loq< td=""><td>alpha-Pinene</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	alpha-Pinene	0.02		<loq< td=""><td></td></loq<>	
Farnesene	0.02		<loq< td=""><td>beta-Myrcene</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	beta-Myrcene	0.02		<loq< td=""><td></td></loq<>	
beta-Pinene	0.02		<loq< td=""><td>Borneol</td><td>0.04</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	Borneol	0.04		<loq< td=""><td></td></loq<>	
Camphene	0.02		<loq< td=""><td>Camphors</td><td>0.04</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	Camphors	0.04		<loq< td=""><td></td></loq<>	
Caryophyllene oxide	0.02		<loq< td=""><td>cis-Nerolidol</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></loq<>	cis-Nerolidol	0.02		<loq< td=""><td></td></loq<>	
Eucalyptol	0.02		<l0q< td=""><td>Valencene</td><td>0.02</td><td></td><td><loq< td=""><td></td></loq<></td></l0q<>	Valencene	0.02		<loq< td=""><td></td></loq<>	

Total Terpenes: 0.000%

drul

N: 62

Lab Toxicologist

Aixia Sun Lab Director/Principal Scientist

Aixia Sun Lab Director/F D.H.Sc., M.Sc., B.Sc., MT (AAB)

Xueli Gao Ph.D., DABT

**À**.



De nitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBMA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBD Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milliligrams per Milliligrams per Milliligrams per Milliligrams per Milliligrams per Gram (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Milligram per Milliligram per Millililigram per Milliligram per Millililigram per Milli





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**Crystalline Cannabidiol** Sample Matrix: CBD/HEMP **Edibles** (Ingestion)



License No. 800025015 FL License # CMTL-0003 **CLIA No.** 10D1094068

# Certi cate of Analysis

**Compliance Test** 

**GENCANNA ACQUISITION** 

**4274 COLBY ROAD WINCHESTER, KY 40391** 

Batch # 210008CC Batch Date: 2021-02-12 Extracted From: Industrial Hemp Sampling Method: MSP 7.3.1 Test Reg

State: Florida

Order # GEN210212-020003 Order Date: 2021-02-12 Sample # AAAZ592

Sampling Date: 2021-02-16 Lab Batch Date: 2021-02-16 Completion Date: 2021-02-22

Initial Gross Weight: 38.016 g

### **Heavy Metals**

Specimen Weight: 249.300 mg

**Passed** (ICP-MS)

Dilution Factor: 2.000

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	
Arsenic (As)	100	1500	<loq< td=""><td>Cadmium (Cd)</td><td>100</td><td>500</td><td><loq< td=""><td></td></loq<></td></loq<>	Cadmium (Cd)	100	500	<loq< td=""><td></td></loq<>	
Lead (Pb)	100	500	<loq< td=""><td>Mercury (Hg)</td><td>100</td><td>3000</td><td><loq< td=""><td></td></loq<></td></loq<>	Mercury (Hg)	100	3000	<loq< td=""><td></td></loq<>	
Total Contaminant Load (TCL)	None Detected							



### Mycotoxins

Specimen Weight: 163.000 mg

Passed (LCMS)

#### Dilution Factor: 9.203

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	
A atoxin B1	6	20	<l0q< td=""><td>A atoxin B2</td><td>6</td><td>20</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	A atoxin B2	6	20	<l0q< td=""><td></td></l0q<>	
A atoxin G1	6	20	<l0q< td=""><td>A atoxin G2</td><td>6</td><td>20</td><td><l0q< td=""><td></td></l0q<></td></l0q<>	A atoxin G2	6	20	<l0q< td=""><td></td></l0q<>	
Ochratoxin A	12	20	<l00< td=""><td></td><td></td><td></td><td></td><td></td></l00<>					

Xueli Gao Ph D DART  $\mathcal{O}_{\mathcal{C}}$ Lab Toxicologist

Lab Director/Principal Scientist Aixia Sun

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De nitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBB, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, \*Analyte Details above show the Dry Weight Concentrations unless speci ed as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Detection, Dilution = Dilution Teator (pbb) = Parts per Billion, (%) = Percent, (cflu/g) = Colony Forming Unit per Gram (cflu/g) = Colony Forming Unit per Gram (cflu/g) = Colony Forming Unit per Gram (cflu/g) = Milligram per Kilogram , \*Measurement of Uncertainty = +/- 5%





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Crystalline Cannabidiol Sample Matrix: CBD/HEMP Edibles (Ingestion)



# **Certi cate of Analysis**

**Compliance Test** 

GENCANNA ACQUISITION CORP.

4274 COLBY ROAD WINCHESTER, KY 40391 Batch # 210008CC Batch Date: 2021-02-12 Extracted From: Industrial Hemp Sampling Method: MSP 7.3.1 Test Reg

State: Florida

Order # GEN210212-020003 Order Date: 2021-02-12 Sample # AAAZ592 Sampling Date: 2021-02-16 Lab Batch Date: 2021-02-16 Completion Date: 2021-02-22 Initial Gross Weight: 38.016 g

Dilution Factor: 9.203

### Pesticides FL V4

Specimen Weight: 163.000 mg

Passed (LCMS/GCMS)

Dilution Factor, 9.203							
Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<loq< td=""><td>Acephate</td><td>30</td><td>3000</td><td><loq< td=""></loq<></td></loq<>	Acephate	30	3000	<loq< td=""></loq<>
Acequino cyl	48	2000	<loq< td=""><td>Acetamiprid</td><td>30</td><td>3000</td><td><loq< td=""></loq<></td></loq<>	Acetamiprid	30	3000	<loq< td=""></loq<>
Aldicarb	30	100	<l0q< td=""><td>Azoxystrobin</td><td>10</td><td>3000</td><td><loq< td=""></loq<></td></l0q<>	Azoxystrobin	10	3000	<loq< td=""></loq<>
Bifenazate	30	3000	<l0q< td=""><td>Bifenthrin</td><td>30</td><td>500</td><td><loq< td=""></loq<></td></l0q<>	Bifenthrin	30	500	<loq< td=""></loq<>
Boscalid	10	3000	<l0q< td=""><td>Captan</td><td>30</td><td>3000</td><td><loq< td=""></loq<></td></l0q<>	Captan	30	3000	<loq< td=""></loq<>
Carbaryl	10	500	<l0q< td=""><td>Carbofuran</td><td>10</td><td>100</td><td><loq< td=""></loq<></td></l0q<>	Carbofuran	10	100	<loq< td=""></loq<>
Chlorantraniliprole	10	3000	<l0q< td=""><td>Chlordane</td><td>10</td><td>100</td><td><loq< td=""></loq<></td></l0q<>	Chlordane	10	100	<loq< td=""></loq<>
Chlorfenapyr	30	100	<l0q< td=""><td>Chlormequat Chloride</td><td>10</td><td>3000</td><td><loq< td=""></loq<></td></l0q<>	Chlormequat Chloride	10	3000	<loq< td=""></loq<>
Chlorpyrifos	30	100	<l0q< td=""><td>Clofentezine</td><td>30</td><td>500</td><td><loq< td=""></loq<></td></l0q<>	Clofentezine	30	500	<loq< td=""></loq<>
Coumaphos	48	100	<l0q< td=""><td>Cy uthrin</td><td>30</td><td>1000</td><td><loq< td=""></loq<></td></l0q<>	Cy uthrin	30	1000	<loq< td=""></loq<>
Cypermethrin	30	1000	<loq< td=""><td>Daminozide</td><td>30</td><td>100</td><td><l0q< td=""></l0q<></td></loq<>	Daminozide	30	100	<l0q< td=""></l0q<>
Diazinon	30	200	<l0q< td=""><td>Dichlorvos</td><td>30</td><td>100</td><td><loq< td=""></loq<></td></l0q<>	Dichlorvos	30	100	<loq< td=""></loq<>
Dimethoate	30	100	<l0q< td=""><td>Dimethomorph</td><td>48</td><td>3000</td><td><l0q< td=""></l0q<></td></l0q<>	Dimethomorph	48	3000	<l0q< td=""></l0q<>
Ethoprophos	30	100	<l0q< td=""><td>Etofenprox</td><td>30</td><td>100</td><td><l0q< td=""></l0q<></td></l0q<>	Etofenprox	30	100	<l0q< td=""></l0q<>
Etoxazole	30	1500	<l0q< td=""><td>Fenhexamid</td><td>10</td><td>3000</td><td><l0q< td=""></l0q<></td></l0q<>	Fenhexamid	10	3000	<l0q< td=""></l0q<>
Fenoxycarb	30	100	<l0q< td=""><td>Fenpyroximate</td><td>30</td><td>2000</td><td><loq< td=""></loq<></td></l0q<>	Fenpyroximate	30	2000	<loq< td=""></loq<>
Fipronil	30	100	<l0q< td=""><td>Flonicamid</td><td>30</td><td>2000</td><td><loq< td=""></loq<></td></l0q<>	Flonicamid	30	2000	<loq< td=""></loq<>
Fludioxonil	48	3000	<l0q< td=""><td>Hexythiazox</td><td>30</td><td>2000</td><td><loq< td=""></loq<></td></l0q<>	Hexythiazox	30	2000	<loq< td=""></loq<>
Imazalil	30	100	<l0q< td=""><td>Imidacloprid</td><td>30</td><td>3000</td><td><loq< td=""></loq<></td></l0q<>	Imidacloprid	30	3000	<loq< td=""></loq<>
Kresoxim Methyl	30	1000	<l0q< td=""><td>Malathion</td><td>30</td><td>2000</td><td><loq< td=""></loq<></td></l0q<>	Malathion	30	2000	<loq< td=""></loq<>
Metalaxyl	10	3000	<l0q< td=""><td>Methiocarb</td><td>30</td><td>100</td><td><l0q< td=""></l0q<></td></l0q<>	Methiocarb	30	100	<l0q< td=""></l0q<>
Methomyl	30	100	<l0q< td=""><td>methyl-Parathion</td><td>10</td><td>100</td><td><l0q< td=""></l0q<></td></l0q<>	methyl-Parathion	10	100	<l0q< td=""></l0q<>
Mevinphos	10	100	<l0q< td=""><td>Myclobutanil</td><td>30</td><td>3000</td><td><l0q< td=""></l0q<></td></l0q<>	Myclobutanil	30	3000	<l0q< td=""></l0q<>
Naled	30	500	<loq< td=""><td>Oxamyl</td><td>30</td><td>500</td><td><l0q< td=""></l0q<></td></loq<>	Oxamyl	30	500	<l0q< td=""></l0q<>
Paclobutrazol	30	100	<loq< td=""><td>Pentachloronitrobenzene</td><td>10</td><td>200</td><td><l0q< td=""></l0q<></td></loq<>	Pentachloronitrobenzene	10	200	<l0q< td=""></l0q<>
Permethrin	30	1000	<loq< td=""><td>Phosmet</td><td>30</td><td>200</td><td><loq< td=""></loq<></td></loq<>	Phosmet	30	200	<loq< td=""></loq<>
Piperonylbutoxide	30	3000	<l0q< td=""><td>Prallethrin</td><td>30</td><td>400</td><td><loq< td=""></loq<></td></l0q<>	Prallethrin	30	400	<loq< td=""></loq<>
Propiconazole	30	1000	<l0q< td=""><td>Propoxur</td><td>30</td><td>100</td><td><l0q< td=""></l0q<></td></l0q<>	Propoxur	30	100	<l0q< td=""></l0q<>
Pyrethrins	30	1000	<l0q< td=""><td>Pyridaben</td><td>30</td><td>3000</td><td><l0q< td=""></l0q<></td></l0q<>	Pyridaben	30	3000	<l0q< td=""></l0q<>
Spinetoram	10	3000	<l0q< td=""><td>Spinosad</td><td>30</td><td>3000</td><td><l0q< td=""></l0q<></td></l0q<>	Spinosad	30	3000	<l0q< td=""></l0q<>
Spiromesifen	30	3000	<loq< td=""><td>Spirotetramat</td><td>30</td><td>3000</td><td><l0q< td=""></l0q<></td></loq<>	Spirotetramat	30	3000	<l0q< td=""></l0q<>
Spiroxamine	30	100	<l0q< td=""><td>Tebuconazole</td><td>30</td><td>1000</td><td><l0q< td=""></l0q<></td></l0q<>	Tebuconazole	30	1000	<l0q< td=""></l0q<>
Thiacloprid	30	100	<loq< td=""><td>Thiamethoxam</td><td>30</td><td>1000</td><td><l0q< td=""></l0q<></td></loq<>	Thiamethoxam	30	1000	<l0q< td=""></l0q<>
Tri oxystrobin	30	3000	<l0q< td=""><td>Total Contaminant Load (TCL)</td><td>None Detected</td><td></td><td></td></l0q<>	Total Contaminant Load (TCL)	None Detected		

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Lab Toxicologist

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Crystalline Cannabidiol Sample Matrix: CBD/HEMP Edibles (Ingestion)



# **Certi cate of Analysis**

**Compliance Test** 

# GENCANNA ACQUISITION

4274 COLBY ROAD WINCHESTER, KY 40391 Batch # 210008CC Batch Date: 2021-02-12 Extracted From: Industrial Hemp Sampling Method: MSP 7.3.1 Test Reg

State: Florida

Order # GEN210212-020003 Order Date: 2021-02-12 Sample # AAAZ592

Sampling Date: 2021-02-16 Lab Batch Date: 2021-02-16 Completion Date: 2021-02-22 Initial Gross Weight: 38.016 g



### Residual Solvents - FL (CBD)

Specimen Weight: 117.600 mg

Passed (GCMS)

Dilution Factor: 500.000							
Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.16	8	<loq< td=""><td>1,2-Dichloroethane</td><td>0.04</td><td>5</td><td><l0q< td=""></l0q<></td></loq<>	1,2-Dichloroethane	0.04	5	<l0q< td=""></l0q<>
Acetone	2.08	5000	<loq< td=""><td>Acetonitrile</td><td>1.17</td><td>410</td><td><loq< td=""></loq<></td></loq<>	Acetonitrile	1.17	410	<loq< td=""></loq<>
Benzene	0.02	2	<loq< td=""><td>Butanes</td><td>2.5</td><td>2000</td><td><loq< td=""></loq<></td></loq<>	Butanes	2.5	2000	<loq< td=""></loq<>
Chloroform	0.04	60	<loq< td=""><td>Ethanol</td><td>2.78</td><td>5000</td><td><loq< td=""></loq<></td></loq<>	Ethanol	2.78	5000	<loq< td=""></loq<>
Ethyl Acetate	1.11	5000	<l0q< td=""><td>Ethyl Ether</td><td>1.39</td><td>5000</td><td><loq< td=""></loq<></td></l0q<>	Ethyl Ether	1.39	5000	<loq< td=""></loq<>
Ethylene Oxide	0.1	5	<l0q< td=""><td>Heptane</td><td>1.39</td><td>5000</td><td><loq< td=""></loq<></td></l0q<>	Heptane	1.39	5000	<loq< td=""></loq<>
Hexane	1.17	290	<loq< td=""><td>Isopropyl alcohol</td><td>1.39</td><td>500</td><td><loq< td=""></loq<></td></loq<>	Isopropyl alcohol	1.39	500	<loq< td=""></loq<>
Methanol	0.69	3000	<loq< td=""><td>Methylene chloride</td><td>2.43</td><td>600</td><td><loq< td=""></loq<></td></loq<>	Methylene chloride	2.43	600	<loq< td=""></loq<>
Pentane	2.08	5000	Passed	Propane	5.83	2100	<loq< td=""></loq<>
Toluene	2.92	890	<loq< td=""><td>Total Xylenes</td><td>2.92</td><td>2170</td><td><loq< td=""></loq<></td></loq<>	Total Xylenes	2.92	2170	<loq< td=""></loq<>
Trichloroethylene	0.49	80	<loq< td=""><td></td><td></td><td></td><td></td></loq<>				



#### Moisture

Specimen Weight: N/A Dilution Factor: 1.000

Action Level Result
(%) (%)

Moisture 15 0.490

Tested (Moisture Meter)

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Lab Toxicologist

Aixia Sun Lab Director/Principal Scientist

Aixia Sun Lab Director/F D.H.Sc., M.Sc., B.Sc., MT (AAB)

Xueli Gao Ph.D., DABT

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**Crystalline Cannabidiol** Sample Matrix: CBD/HEMP **Edibles** (Ingestion)



# **Certi cate of Analysis**

**Compliance Test** 

**GENCANNA ACQUISITION** 

**4274 COLBY ROAD WINCHESTER, KY 40391** 

Batch # 210008CC Batch Date: 2021-02-12 Extracted From: Industrial Hemp Sampling Method: MSP 7.3.1 Test Reg

State: Florida

Order # GEN210212-020003 Order Date: 2021-02-12 Sample # AAAZ592 Sampling Date: 2021-02-16 Lab Batch Date: 2021-02-16 Completion Date: 2021-02-22 Initial Gross Weight: 38.016 g

30

### Listeria Monocytogenes

1

Specimen Weight: 997.500 mg

Result

Absence in 1 g



Analyte

### Pathogenic SE (qPCR)

Specimen Weight: 238.800 mg

**Passed** (qPCR)

**Passed** (qPCR)

Dilution Factor: 1.000

Dilution Factor: 1.000

Dilution Factor: 1.000

Listeria Monocytogenes

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)	
E Coli	1	Absence in 1a	Salmonella	1	Absence in 1 a	



### Microbiology (qPCR)

Specimen Weight: 250.740 mg

**Passed** (qPCR)

Analyte	Result	Analyte	Result
Total Aerobic Count	Passed	Total Coliform	Passed
Total Enterobacteriaceae	Passed	Total Yeast/Mold	Passed

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 $\mathcal{O}_{\mathcal{C}}$ Lab Toxicologist

Lab Director/Principal Scientist

Aixia Sun D.H.Sc., M.Sc., B.Sc., MT (AAB)





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