Colorado Natural Products
CNP Operating, LLC

12742 E Caley Ave, Suite E
Centennial CO 80111

720.468.4588

January 31st, 2022

Chain of Custody Documentation

CNP Operating is an all-new facility offering a 360-degree approach to the processing of high-quality CBD products designed for growers, pharmaceutical, wellness providers, and retailer needs. CNP Operating offers wholesale and white label solutions as well as extraction, distillation, chromatography, and isolation services. CNP Operating boasts of a professional and open environment filled with state-of-the art distillation equipment and a full view of the growing space, it provides facility tours to prove the company's dedication to the stability, security and trust promised to clients. CNP Operating utilizes Figgro ERP for all tracking and traceability which offer transparency to partners and clients throughout each step of our process. CNP Operating also offers an exclusive social and coworking space for CBD professionals to meet fellow industry leaders, discuss the latest trends and technology, and forge the future of the CBD community.

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Chain of Custody

Please see attached COA's for the following Batch Report.

Hemp Raw Material	Lot
Biomass	Biomass-ASA1
Crude	ASA1
Distillate	ASA-220103
Isolate	ASA
Delta-8	

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12742 E Caley Ave, Suite E
Centennial CO 80111

720.468.4588

Manufacturing Facility

1. CNP Operating
    a. Address: 12742 E. Caley Ave Centennial, CO 80111
    b. Contact Information: 720-468-4588
    c. FDA Registration: 10114175838
    d. DUNS Registration: 11-744-0881

Testing Facility(s)

1. Botanacor
    a. 1301 S. Jason St. Unit J, Denver, CO 80223
    b. Contact Information: 888.800.8223
    c. ISO/IEC 17025:2017 Accredited
    d. A2LA Cert. # 4329.02, 4329.03
    e. Colorado CDPHE certified

COLORADO
Department of Public Health & Environment

License to Operate: Manufactured Food Establishment

License must be posted at the following location, in a conspicuous place:

16800 US Hwy 72
Arvada, CO 80007

Issue date: **7/6/21**

License Valid until: **6/30/22**

CNP Operating LLC
12742 E Caley Ave Suite E
Centennial, CO 80111

This certifies that licensee shown hereon is authorized and licensed to engage in business in accordance with the provisions of the laws and regulations of the Colorado Department of Public Health & Environment. Any alterations to this license will automatically make it null and void.

Sales Tax ID:

License Type: Manufacturer

Issued By: Colorado Department of Public Health & Environment

Ryan F. Quarles
Commissioner

Office of Agriculture Marketing
Hemp Licensing Program
111 Corporate Drive
Frankfort, KY 40601
Phone: (502) 573-0282

Kentucky Department of Agriculture

Hemp Licensing Program

Hemp Grower License

License Holder, Signing Authority (if applicable)	**Northern Kentucky Tobacco Greenhouses & Supplies, Inc., James Asa Phillips**
License Number	21_0312
Mailing Address	1490 Hwy 35 Sparta, KY 41086

DATE OF ISSUANCE	DATE OF EXPIRATION
03/02/2020	This License shall remain in force so long as annual renewal requirements are met, or until terminated by the department or the license holder. Current year's licensed locations are found on page 2.

The terms and conditions of this license are provided in 302 KAR 50, in the Hemp Grower License Application, and subsequent renewal applications. Refer to page 2 of this license for a complete list of licensed growing, handling, and storage locations for this License Holder for this current year.

This Hemp License has been issued under the authority of KRS 260.850 to 260.869. This license is non-transferable. This license does not automatically renew; License Holders must renew the license annually prior to March 15 of each year.

Law enforcement officials or individuals with questions should reference the current list of License Holders on our website at www.kyagr.com/hemp.

Keith L. Rogers, Chief of Staff

07/23/2021
Date

COLORADO
Department of Agriculture

Printed On:Tuesday, November 30, 2021

AgLicense ID # ØØ358Ø

Clay Rand

CNP OPERATING, LLC
12742 EAST CALEY AVE
UNIT 2E
CENTENNIAL CO 80111

305 Interlocken Parkway, Broomfield, CO 80021 P 303.869.9000 F 303.466.2867
www.colorado.gov/ag

COLORADO
Department of Agriculture

Printed On:Tuesday, November 30, 2021

Farm Products Cash Buyer License

THIS LICENSE IS NOT TRANSFERABLE

CNP Operating, LLC

Doing Business As Name(s) (DBA)

CNP Operating, LLC

12742 East Caley Avenue
Unit 2E
Centennial CO 80111

	Effective Date	Expires Date
Farm Products Dealer AgLicense ID # ØØ358Ø	Jan 01, 2022	Dec 31, 2022

Pursuant to provisions of Title 12, Article 16, C.R.S., Is hereby granted a license to transact the business of:

Farm Products Cash Buyer

Kate Greenberg
Commissioner of Agriculture

November 30, 2021
Print Date

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Cannabidiol

Brand : CNP OPERATING

CAS-No. : 13956-29-1

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : CNP Operating
12742 E. Caley Ave, Suite E
CENTENNIAL, CO 80111
USA

Telephone : (720) - 468 - 4588

1.4 Emergency telephone number

Emergency Phone # : 911 OR COMPANY +(720) - 468 - 4588 (9:00am - 5:00pm MST)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Formula : C21H30O2
Molecular Weight : 314.46 g/mol
CAS-No. : 13956-29-1

Hazardous components

Component	Classification	Concentration
Cannabidiol		
		-

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact
Wash off with soap and plenty of water.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
Carbon oxides

5.3 Advice for firefighters
Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information
no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Avoid breathing vapours, mist or gas.
For personal protection see section 8.

6.2 Environmental precautions
Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up
Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature: 2 - 8 °C

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters
Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls
General industrial hygiene practice.

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Do not let product enter drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: solid Color: Varies
b)	Odor	no data available
c)	Odor Threshold	no data available
d)	pH	no data available
e)	Melting point/freezing point	Melting point/range: 69 °C (156 °F)
f)	Initial boiling point and boiling range	no data available
g)	Flash point	no data available
h)	Evaporation rate	no data available
i)	Flammability (solid, gas)	no data available
j)	Upper/lower flammability or explosive limits	no data available
k)	Vapor pressure	no data available
l)	Vapor density	no data available
m)	Relative density	no data available
n)	Water solubility	no data available
o)	Partition coefficient: n-octanol/water	no data available
p)	Auto-ignition temperature	no data available
q)	Decomposition temperature	no data available
r)	Viscosity	no data available
s)	Explosive properties	no data available

t) Oxidizing properties no data available

9.2 Other safety information
no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
no data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
no data available

10.4 Conditions to avoid
Light.

10.5 Incompatible materials
Strong oxidizing agents

10.6 Hazardous decomposition products
Other decomposition products - no data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
Inhalation: no data available

Dermal: no data available

LD50 Intravenous - mouse - 50 mg/kg

Skin corrosion/irritation
no data available

Serious eye damage/eye irritation
no data available

Respiratory or skin sensitisation
no data available

Germ cell mutagenicity
no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
no data available

no data available

Specific target organ toxicity - single exposure
no data available

Specific target organ toxicity - repeated exposure
no data available

Aspiration hazard
no data available

Additional Information
RTECS: VH1600000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Stomach - Irregularities - Based on Human Evidence
Stomach - Irregularities - Based on Human Evidence

12. ECOLOGICAL INFORMATION

12.1 Toxicity
no data available

12.2 Persistence and degradability
no data available

12.3 Bioaccumulative potential
no data available

12.4 Mobility in soil
no data available

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

15. REGULATORY INFORMATION

SARA 302 Components
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Chronic Health Hazard

	CAS-No.	
Cannabidiol	13956-29-1	Revision Date

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

HMIS Rating

Health hazard:	0
Chronic Health Hazard:	*
Flammability:	0
Physical Hazard	0

NFPA Rating

Health hazard:	0
Fire Hazard:	0
Reactivity Hazard:	0

Preparation Information
CNP Operating
Product Safety – Americas Region

Version: 5.2 Revision Date: 07/10/2020

botanacor

Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

Prepared for:

Hemp Biomass

CNP OPERATING

Batch ID or Lot Number:	Test:	Reported:	Location:
Biomass ASA1	**Potency**	**11/17/21**	12742 E CALEY AVE #2E CENTENNIAL, CO 80111

Matrix:	Test ID:	Started:	USDA License:
Plant	T000175531	11/16/21	N/A

Status:	Method:	Received:	Sampler ID:
New Sample	TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis (Colorado Panel)	11/11/2021 @ 09:23 AM	N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.066	0.218	0.202	2.02
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.074	0.247	0.319	3.19
Cannabidiolic acid (CBDA)	0.098	0.261	10.248	102.48
Cannabidiol (CBD)	0.095	0.255	4.138	41.38
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.082	0.271	ND	ND
Cannabinolic Acid (CBNA)	0.047	0.155	ND	ND
Cannabinol (CBN)	0.021	0.071	ND	ND
Cannabigerolic acid (CBGA)	0.069	0.228	0.166*	1.66*
Cannabigerol (CBG)	0.016	0.055	0.089	0.89
Tetrahydrocannabivarinic Acid (THCVA)	0.058	0.193	ND	ND
Tetrahydrocannabivarin (THCV)	0.015	0.050	ND	ND
Cannabidivarinic Acid (CBDVA)	0.041	0.109	0.079*	0.79*
Cannabidivarin (CBDV)	0.023	0.060	ND	ND
Cannabichromenic Acid (CBCA)	0.026	0.088	0.553	5.53
Cannabichromene (CBC)	0.029	0.096	0.256	2.56
Total Cannabinoids			**16.050**	**160.50**
Total Potential THC**			0.496	4.96
Total Potential CBD**			13.125	131.25

Notes

N/A

Hannah Wright
17-Nov-2021
06:42 PM

PREPARED BY / DATE

Daniel Weidensaul
17-Nov-21
6:45 PM

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and

Total CBD = CBD + (CBDa *(0.877))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

CDPHE Certified

Certificate #4329.02

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.

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Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

Prepared for:

Hemp Biomass

CNP OPERATING

Batch ID or Lot Number:	Test:	Reported:	Location:
Biomass ASA1	**Microbial Contaminants**	**11/16/21**	12742 E CALEY AVE #2E CENTENNIAL, CO 80111

Matrix:	Test ID:	Started:	USDA License:
Plant	T000175532	11/11/21	N/A

Status:	Methods:	Received:	Sampler ID:
New Sample	TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	11/11/2021 @ 09:23 AM	N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result
Total Aerobic Count*	TM-26, Culture Plating	10^2 CFU/g	10^3 CFU/g	1.5x10^5 CFU/g	>ULOQ
Total Coliforms*	TM-27, Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	2.2x10^3 CFU/g
Total Yeast and Mold*	TM-24, Culture Plating	10^1 CFU/g	10^2 CFU/g	1.5x10^4 CFU/g	>ULOQ
E. coli (STEC)	TM-25, PCR	1 CFU/25 g	NA	NA	Present
Salmonella	TM-25, PCR	1 CFU/25 g	NA	NA	Present

Notes

Free from visual mold, mildew, and foreign matter

Brett Hudson
11/16/2021
1:17:00 PM

PREPARED BY / DATE

Brianne Maillot
11/16/2021
4:08:00 PM

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation
CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*
* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples:
10^2 = 100 CFU
10^3 = 1,000 CFU
10^4 = 10,000 CFU
10^5 = 100,000 CFU

CDPHE Certified

Certificate #4329.02

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Official Compliance: Colorado
CERTIFICATE OF ANALYSIS

Prepared for:

CBD CRUDE

CNP OPERATING

Batch ID or Lot Number:	Test:	Reported:	Location:
ASA1	**Potency**	**12/27/21**	12742 E CALEY AVE #2E CENTENNIAL, CO 80111

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000183705	12/22/21	N/A

Status:	Method:	Received:	Sampler ID:
New Sample	TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis (Colorado Panel)	12/21/2021 @ 01:03 PM	N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.090	0.327	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.102	0.369	2.326	23.26
Cannabidiolic acid (CBDA)	0.124	0.390	ND	ND
Cannabidiol (CBD)	0.121	0.380	65.376	653.76
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.112	0.406	ND	ND
Cannabinolic Acid (CBNA)	0.064	0.232	ND	ND
Cannabinol (CBN)	0.029	0.106	0.154	1.54
Cannabigerolic acid (CBGA)	0.094	0.341	ND	ND
Cannabigerol (CBG)	0.023	0.081	1.163	11.63
Tetrahydrocannabivarinic Acid (THCVA)	0.080	0.288	ND	ND
Tetrahydrocannabivarin (THCV)	0.020	0.074	ND	ND
Cannabidivarinic Acid (CBDVA)	0.052	0.163	ND	ND
Cannabidivarin (CBDV)	0.029	0.090	0.498	4.98
Cannabichromenic Acid (CBCA)	0.036	0.131	ND	ND
Cannabichromene (CBC)	0.040	0.144	ND	ND
Total Cannabinoids			**69.517**	**695.17**
Total Potential THC**			2.326	23.26
Total Potential CBD**			65.376	653.76

Notes

N/A

Jacob Miller
27-Dec-2021
06:15 PM

PREPARED BY / DATE

Ryan Weems
27-Dec-21
6:19 PM

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and

Total CBD = CBD + (CBDa *(0.877))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

CDPHE Certified

Certificate #4329.02

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CERTIFICATE OF ANALYSIS

Prepared for:

CBD CRUDE

CNP OPERATING

Batch ID or Lot Number:	Test:	Reported:	Location:
ASA1	**Pesticides**	**12/29/21**	12742 E CALEY AVE #2E CENTENNIAL, CO 80111

Matrix:	Test ID:	Started:	USDA License:
Concentrate	t000183706	12/28/21	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM17(LC-QQQ LC MS/MS):	12/21/2021 @ 01:03 PM	N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	40	ND	**Fenoxycarb**	44	ND	**Paclobutrazol**	41	ND
Acetamiprid	42	ND	**Fipronil**	40	ND	**Permethrin**	301	ND
Avermectin	388	ND	**Flonicamid**	39	ND	**Phosmet**	42	ND
Azoxystrobin	44	ND	**Fludioxonil**	287	ND	**Prophos**	284	ND
Bifenazate	41	ND	**Hexythiazox**	38	ND	**Propoxur**	41	ND
Boscalid	41	ND	**Imazalil**	291	ND	**Pyridaben**	299	ND
Carbaryl	34	ND	**Imidacloprid**	45	ND	**Spinosad A**	35	ND
Carbofuran	39	ND	**Kresoxim-methyl**	150	ND	**Spinosad D**	53	ND
Chlorantraniliprole	46	ND	**Malathion**	281	ND	**Spiromesifen**	282	ND
Chlorpyrifos	500	ND	**Metalaxyl**	44	ND	**Spirotetramat**	290	ND
Clofentezine	291	ND	**Methiocarb**	43	ND	**Spiroxamine 1**	17	ND
Diazinon	282	ND	**Methomyl**	43	ND	**Spiroxamine 2**	22	ND
Dichlorvos	292	ND	**MGK 264 1**	170	ND	**Tebuconazole**	284	ND
Dimethoate	41	ND	**MGK 264 2**	115	ND	**Thiacloprid**	40	ND
E-Fenpyroximate	292	ND	**Myclobutanil**	38	ND	**Thiamethoxam**	39	ND
Etofenprox	41	ND	**Naled**	40	ND	**Trifloxystrobin**	40	ND
Etoxazole	304	ND	**Oxamyl**	1500	ND			

Samantha Smith

Sam Smith
12/29/2021
9:54:00 AM

PREPARED BY / DATE

Courtney Richards

Courtney Richards
12/29/2021
1:38:00 PM

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification

ppb = Parts per Billion

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.

ilac-MRA A2LA ACCREDITED

Certificate #4329.02

botanacor

Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

Prepared for:

CBD CRUDE

CNP OPERATING

Batch ID or Lot Number:	Test:	Reported:	Location:
ASA1	**Metals**	**12/29/21**	12742 E CALEY AVE #2E CENTENNIAL, CO 80111

Matrix:	Test ID:	Started:	USDA License:
Industrial Hemp Co	T000183707	12/28/21	N/A

Status:	Method:	Received:	Sampler ID:
New Sample	TM19 (ICP-MS): Heavy Metals (Colorado Panel)	12/21/2021 @ 01:03 PM	N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.047 - 4.65	ND
Cadmium	0.046 - 4.63	ND
Mercury	0.046 - 4.63	ND
Lead	0.047 - 4.66	0.10

Notes

Sam Smith
29-Dec-21
5:49 PM
PREPARED BY / DATE

Ryan Weems
29-Dec-21
5:52 PM
APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

CDPHE Certified

Certificate #4329.02

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.

botanacor

Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

Prepared for:

CBD CRUDE

CNP OPERATING

Batch ID or Lot Number:	Test:	Reported:	Location:
ASA1	**Mycotoxins**	**12/30/21**	12742 E CALEY AVE #2E CENTENNIAL, CO 80111

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000183708	12/29/21	N/A

Status:	Method:	Received:	Sampler ID:
New Sample	TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins (Colorado Panel)	12/21/2021 @ 01:03 PM	N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)
Ochratoxin A	2.6 - 135.9	ND
Aflatoxin B1	1 - 33.8	ND
Aflatoxin B2	1 - 33.8	ND
Aflatoxin G1	1 - 33.8	ND
Aflatoxin G2	1.1 - 33.2	ND
Total Aflatoxins (B1, B2, G1, and G2)		ND

Notes

N/A

Ryan Weems
30-Dec-21
3:01 PM
PREPARED BY / DATE

Sam Smith
30-Dec-21
3:12 PM
APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.

CDPHE Certified

Certificate #4329.02

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Official Compliance: Colorado
CERTIFICATE OF ANALYSIS

Prepared for:

CBD Distillate

CNP OPERATING

Batch ID or Lot Number:=	Test:	Reported:	Location:
ASA-220103	**Potency**	**1/7/22**	12742 E CALEY AVE #2E CENTENNIAL, CO 80111

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000185502	1/6/22	N/A

Status:	Method:	Received:	Sampler ID:
New Sample	TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis (Colorado Panel)	01/04/2022 @ 03:12 PM	N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.120	0.400	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.135	0.452	2.217	22.17
Cannabidiolic acid (CBDA)	0.158	0.548	ND	ND
Cannabidiol (CBD)	0.154	0.535	82.156	821.56
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.149	0.498	ND	ND
Cannabinolic Acid (CBNA)	0.085	0.285	ND	ND
Cannabinol (CBN)	0.039	0.130	0.1*	1*
Cannabigerolic acid (CBGA)	0.125	0.418	ND	ND
Cannabigerol (CBG)	0.030	0.100	0.787	7.87
Tetrahydrocannabivarinic Acid (THCVA)	0.106	0.353	ND	ND
Tetrahydrocannabivarin (THCV)	0.027	0.091	0.043*	0.43*
Cannabidivarinic Acid (CBDVA)	0.066	0.229	ND	ND
Cannabidivarin (CBDV)	0.036	0.126	0.876	8.76
Cannabichromenic Acid (CBCA)	0.048	0.161	ND	ND
Cannabichromene (CBC)	0.053	0.176	0.057*	0.57*
Total Cannabinoids			**86.236**	**862.36**
Total Potential THC**			2.217	22.17
Total Potential CBD**			82.156	821.56

Notes

N/A

Daniel Weidensaul
07-Jan-2022
12:21 PM

PREPARED BY / DATE

Ryan Weems
7-Jan-22
12:25 PM

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and

Total CBD = CBD + (CBDa *(0.877))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

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Certificate #4329.02

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Official Compliance: Colorado
CERTIFICATE OF ANALYSIS

Prepared for:

CBD ISOLATE

CNP OPERATING

Batch ID or Lot Number:	Test:	Reported:	Location:
ASA	**Potency**	**1/25/22**	12742 E CALEY AVE #2E CENTENNIAL, CO 80111

Matrix:	Test ID:	Started:	USDA License:
Concentrate	T000188673	1/24/22	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis (Colorado Panel)	01/21/2022 @ 01:47 PM	N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.131	0.443	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.148	0.500	ND	ND
Cannabidiolic acid (CBDA)	0.173	0.506	ND	ND
Cannabidiol (CBD)	0.169	0.494	102.440	1024.40
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.162	0.551	ND	ND
Cannabinolic Acid (CBNA)	0.093	0.316	ND	ND
Cannabinol (CBN)	0.043	0.144	ND	ND
Cannabigerolic acid (CBGA)	0.136	0.462	ND	ND
Cannabigerol (CBG)	0.033	0.111	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.115	0.391	ND	ND
Tetrahydrocannabivarin (THCV)	0.030	0.101	ND	ND
Cannabidivarinic Acid (CBDVA)	0.072	0.211	ND	ND
Cannabidivarin (CBDV)	0.040	0.117	0.308	3.08
Cannabichromenic Acid (CBCA)	0.053	0.178	ND	ND
Cannabichromene (CBC)	0.057	0.195	ND	ND
Total Cannabinoids			**102.748**	**1027.48**
Total Potential THC**			ND	ND
Total Potential CBD**			102.440	1024.40

Notes

N/A

Ryan Weems
25-Jan-2022
07:05 PM

PREPARED BY / DATE

Daniel Weidensaul
25-Jan-22
7:12 PM

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Indicates a value below the Limit of Quantitiation (LOQ) and above the Limit of Detection (LOD).

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and

Total CBD = CBD + (CBDa *(0.877))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

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Certificate #4329.02

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Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

Prepared for:

CBD ISOLATE

CNP OPERATING

Batch ID or Lot Number:	Test:	Reported:	Location:
ASA	**Residual Solvents**	**1/26/22**	12742 E CALEY AVE #2E CENTENNIAL, CO 80111

Matrix:	Test ID:	Started:	USDA License:
N/A	T000188674	1/26/22	N/A

Status:	Methods:	Received:	Sampler ID:
N/A	TM04 (GC-MS): Residual Solvents (Colorado Panel)	01/21/2022 @ 01:47 PM	N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	85 - 1705	*ND
Butanes (Isobutane, n-Butane)	174 - 3472	*ND
Methanol	62 - 1237	*ND
Pentane	92 - 1845	336
Ethanol	96 - 1923	*ND
Acetone	101 - 2013	*ND
Isopropyl Alcohol	105 - 2107	*ND
Hexane	6 - 121	*ND
Ethyl Acetate	100 - 1995	*ND
Benzene	0.2 - 4.2	*ND
Heptanes	103 - 2052	*ND
Toluene	18 - 363	*ND
Xylenes (m,p,o-Xylenes)	132 - 2648	*ND

Notes

Sam Smith
26-Jan-22
2:51 PM
PREPARED BY / DATE

Daniel Weidensaul
26-Jan-22
2:54 PM
APPROVED BY / DATE

Definitions

* ND = None Detected (Defined by Dynamic Range of the method)

CDPHE Certified

Certificate #4329.02

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