



K N D L A B S

PACKING SLIP

Order # 6107

KND Labs LLC
5801 W 6th Ave, Unit A
Lakewood, CO 80214

+1 833-563-4223
sales@kndlabs.com
KNDLabs.com

Shipment Date
3/20/2023

Shipping Carrier
UPS

Tracking #
1Z57136F0391418709

Ship To:

Steve Turano
2460 Northside Dr.
Suite 803
Clearwater, FL 33761

Bill To:

Broadsword International

Order#

6107

Date

3/20/2023

Total Qty

1.00

Item	Description	Increment	Qty
Isolates & Distillates	Description: KND Labs CBD Isolate - Powder Form - KND 394 - KG (Bulk)	KG (Bulk)	1
Shipping	Description: UPS Ground Tracking : sturano@outlook.com dswanwick@kndlabs.com ericd300@gmail.com **Note to fulfillment - Full Panel Testing		1



K N D L A B S

**Certificate of Analysis Documents
Crystalline CBD Isolate**

Product: KND 394

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CERTIFICATE OF ANALYSIS

Prepared for:
KND LABS

5801 W 6th Ave Unit A
LAKEWOOD, CO USA 80214

Crystalline CBD Isolate

Batch ID or Lot Number: KND 394	Test: Potency	Reported: 13Feb2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000234876	Started: 13Feb2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 08Feb2023	Status: Active

Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.070	0.190	ND	ND	
Cannabichromenic Acid (CBCA)	0.064	0.173	ND	ND	
Cannabidiol (CBD)	0.191	0.540	99.017	990.17	
Cannabidiolic Acid (CBDA)	0.196	0.554	ND	ND	
Cannabidivarin (CBDV)	0.045	0.128	0.203	2.03	
Cannabidivarinic Acid (CBDVA)	0.082	0.231	ND	ND	
Cannabigerol (CBG)	0.040	0.108	ND	ND	
Cannabigerolic Acid (CBGA)	0.165	0.450	ND	ND	
Cannabinol (CBN)	0.052	0.140	ND	ND	
Cannabinolic Acid (CBNA)	0.113	0.307	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.197	0.536	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.179	0.487	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.159	0.431	ND	ND	
Tetrahydrocannabivarin (THCV)	0.036	0.098	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.140	0.381	ND	ND	
Total Cannabinoids			99.220	992.20	
Total Potential THC			ND	ND	
Total Potential CBD			99.017	990.17	

Final Approval


Samantha Smith
13Feb2023
01:36:00 PM MST

PREPARED BY / DATE


Karen Winternheimer
13Feb2023
01:41:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/39bab934-cb4a-48d8-937d-9e967f42e894>

Definitions
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDA *(0.877)).

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA.



Cert #4329.02

CDPHE Certified
39bab934cb4a48d8937d9e967f42e894.1

Prepared for:

Crystalline CBD Isolate

KND LABS

Batch ID or Lot Number: KND 394	Test: Pesticides	Reported: 2/10/23	Location: 5801 W 6th Ave Unit A LAKEWOOD, CO 80214
Matrix: Concentrate	Test ID: T000234877	Started: 2/8/23	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 02/08/2023 @ 09:46 AM	Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	43	ND	Fenoxycarb	47	ND	Paclobutrazol	41	ND
Acetamiprid	43	ND	Fipronil	56	ND	Permethrin	313	ND
Abamectin	358	ND	Flonicamid	43	ND	Phosmet	45	ND
Azoxystrobin	44	ND	Fludioxonil	318	ND	Prophos	313	ND
Bifenazate	43	ND	Hexythiazox	45	ND	Propoxur	41	ND
Boscalid	45	ND	Imazalil	288	ND	Pyridaben	313	ND
Carbaryl	43	ND	Imidacloprid	41	ND	Spinosad A	35	ND
Carbofuran	44	ND	Kresoxim-methyl	150	ND	Spinosad D	52	ND
Chlorantraniliprole	43	ND	Malathion	280	ND	Spiromesifen	292	ND
Chlorpyrifos	500	ND	Metalaxyl	46	ND	Spirotetramat	274	ND
Clofentezine	275	ND	Methiocarb	41	ND	Spiroxamine 1	17	ND
Diazinon	292	ND	Methomyl	43	ND	Spiroxamine 2	21	ND
Dichlorvos	275	ND	MGK 264 1	154	ND	Tebuconazole	277	ND
Dimethoate	41	ND	MGK 264 2	116	ND	Thiacloprid	44	ND
E-Fenpyroximate	293	ND	Myclobutanil	45	ND	Thiamethoxam	42	ND
Etofenprox	41	ND	Naled	43	ND	Trifloxystrobin	44	ND
Etoxazole	309	ND	Oxamyl	1500	ND			

K Winterheimer
Karen Winterheimer
2/10/2023
6:26:00 AM

Samantha Smith
Sam Smith
2/10/2023
6:29:00 AM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
ppb = Parts per Billion

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. SC Laboratories, Inc 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



Certificate #4329.02

Prepared for:
KND LABS

5801 W 6th Ave Unit A
LAKEWOOD, CO USA 80214

Crystalline CBD Isolate

Batch ID or Lot Number: KND 394	Test: Heavy Metals	Reported: 15Feb2023	USDA License: NA
Matrix: Concentrate	Test ID: T000234878	Started: 10Feb2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 08Feb2023	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.06 - 5.87	ND	
Cadmium	0.06 - 5.98	ND	
Mercury	0.06 - 5.83	ND	
Lead	0.06 - 6.02	ND	

Final Approval


PREPARED BY / DATE

Sam Smith
15Feb2023
09:39:00 AM MST


APPROVED BY / DATE

Karen Winternheimer
15Feb2023
09:42:00 AM MST



<https://results.botanacor.com/api/v1/coas/uuid/8d28c37f-d053-4b96-a8d6-908df0010665>

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA.



Cert #4329.02
8d28c37fd0534b96a8d6908df0010665.1

Prepared for:


Crystalline CBD Isolate


KND LABS

Batch ID or Lot Number: KND 394	Test: Residual Solvents	Reported: 2/9/23	Location: 5801 W 6th Ave Unit A LAKEWOOD, CO 80214
Matrix: N/A	Test ID: T000234879	Started: 2/8/23	USDA License: N/A
Status: Active	Methods: TM04 (GC-MS): Residual Solvents	Received: 02/08/2023 @ 09:46 AM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	90 - 1801	*ND	
Butanes (Isobutane, n-Butane)	187 - 3730	*ND	
Methanol	58 - 1160	*ND	
Pentane	94 - 1885	922	
Ethanol	97 - 1938	*ND	
Acetone	94 - 1875	*ND	
Isopropyl Alcohol	97 - 1947	*ND	
Hexane	6 - 111	*ND	
Ethyl Acetate	95 - 1894	*ND	
Benzene	0.2 - 3.7	*ND	
Heptanes	93 - 1858	*ND	
Toluene	17 - 346	*ND	
Xylenes (m,p,o-Xylenes)	131 - 2616	*ND	

 Karen Winternheimer
9-Feb-23
7:32 AM

 Sam Smith
9-Feb-23
7:35 AM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

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

Testing results are based solely upon the sample submitted to SC Laboratories, Inc. SC Laboratories, Inc 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01



Certificate #4329.02



Technical Specifications

Product Name: CRYSTALLINE CANNABIDIOL ISOLATE

≥ 98% CBD | ≤ 0.2% THC

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1. Product Data

DESCRIPTION

KND Crystalline Cannabidiol (CBD) Isolate goes through a primary extraction from industrial hemp using approved hydrocarbon solvents, denatured ethyl alcohol, or CO₂. It is then refined into a high-potency isolate. The Industrial Hemp Biomass is sourced from US Growers who have registered with their state's respective Department of Agriculture.

INTENDED USE

Industry specific per customer. Unfinished ingredient requiring further processing.

COUNTRY OF ORIGIN

Made in USA from domestic ingredients

INCOMPATIBILITIES

No known incompatibilities

STANDARD PACKAGING

HDPE Food Grade Plastic - Bucket, Canister, Drum; Aluminum Screw-top Bottle, Metal Tin, Steel Drum

SHELF LIFE

24 months after packaging

STORAGE & HANDLING

Storage Container : Store in original, tightly closed containers under dry conditions at ambient temperature. Do not freeze. Limit exposure to light.

Temperature: Keep at temperatures between 10°C to 23°C.

Once cannabinoids are exposed to air, they may oxidize and darken in color. Cannabinoid powders are highly hygroscopic and may clump when exposed to humidity, causing a decrease in potency. It is recommended to add desiccants to the product after opening to mitigate moisture absorption.

ALLERGEN STATEMENT

Does not contain beef, buckwheat, celery, cereals with gluten, chicken, crustacean shellfish, egg, fish, lupin, mango, milk, molluscan shellfish, mustard, peach, peanut, pork, royal jelly, sesame, soy, tree nuts, tomato, or wheat.

FOOD AND DRUG ADMINISTRATION DISCLOSURE

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

WARNING STATEMENT

Not recommended for children, pregnant, or nursing women. If taking medication, consult a physician before use. Keep out of the reach of children.

CALIFORNIA PROPOSITION 65

May contain exposures to delta-9- Tetrahydrocannabinol (Δ9 THC) which is known to the State of California to cause birth defects or other reproductive harm. KND Labs tests for Δ9 THC and though its presence may not be detected or may be minimal, a warning is required because limitations of exposure are not defined.

2. Specifications - General Information

APPEARANCE

White crystalline powder

FLAVOR

No significant flavor

ODOR

No significant odor

CONSISTENCY

Fine-coarse powdered crystal

SOLUBILITY

Oil

COMPOSITION

100% Hemp extract by weight

PLANT PARTS USED IN OIL

Stalk, stem, flower

Know your CBD Source. Buy Direct from the Manufacturer.



Technical Specifications

Product Name: CRYSTALLINE CANNABIDIOL ISOLATE

≥ 98% CBD | ≤ 0.2% THC

3. Composition/Ingredient Information

APPROVED TESTING LABS

The following third party labs have been approved to test KND products based on a track record of quality and regulatory compliance:

- Botanacor dba SC Labs
- DB Labs
- Eurofins

If the listed labs are not used for the finished product, KND recommends that the ingredient is tested at the desired non KND approved lab to calibrate the finished product results.

NOTE:

¹ Unfinished hemp products are only required to test for potency per 6 CCR 1010-21.7 (F) Colorado Wholesale Food, Industrial Hemp, and Shellfish Regulations. All other contaminants are not required for compliance testing. Additional testing may be arranged. Please contact a KND representative. For more information, visit <https://cdphe.colorado.gov/hemp-food>.

CANNABINOID CONTENT	%	METHOD(S)
CBD	≥ 98.0	HPLC applications LCMS LCUV
THC	≤ 0.2	
CBDA	Reportable	
CBDV	Reportable	
CBN	Reportable	
CBG	Reportable	

CANNABIDIOL INFORMATION	
INCI Name	Cannabidiol
CAS-No	13956-29-1
Molecular Weight (g/mol)	314.46
Chemical Formula	C ₂₁ H ₃₀ O ₂

OTHER	LIMIT	METHOD(S)
HEAVY METALS	See Note ¹	ICP-MS ; MS-MS
PESTICIDES	See Note ¹	GC applications; HPLC applications ; LCMS applications
MICROBIOLOGICAL	See Note ¹	Microarray ; PCR ; qPCR ; Petrifilm ; VIDAS
RESIDUAL SOLVENTS	See Note ¹	GC applications

Know your CBD Source. Buy Direct from the Manufacturer.