botanacor

CERTIFICATE OF ANALYSIS

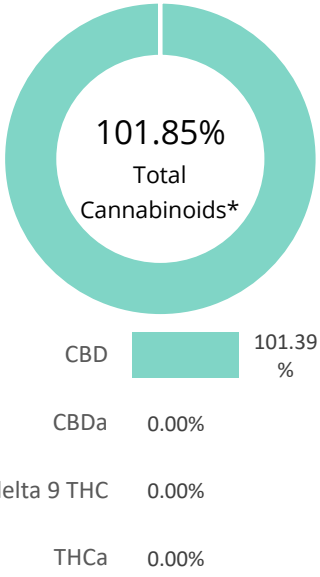
prepared for: KND LABS

5801 W 6th Ave Unit A
LAKEWOOD, CO 80214

Crystalline CBD Isolate

Batch ID:	KND 391	**Test ID:**	t000212605
Type:	Concentrate	**Submitted:**	06/30/2022 @ 09:05 AM
Test:	Potency	**Started:**	7/1/2022
Method:	TM14 (HPLC-DAD)	**Reported:**	7/5/2022

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.12	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.14	ND	ND
Cannabidiolic acid (CBDA)	0.15	ND	ND
Cannabidiol (CBD)	0.15	101.39	1013.9
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.15	ND	ND
Cannabinolic Acid (CBNA)	0.09	ND	ND
Cannabinol (CBN)	0.04	ND	ND
Cannabigerolic acid (CBGA)	0.13	ND	ND
Cannabigerol (CBG)	0.03	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.11	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.06	ND	ND
Cannabidivarin (CBDV)	0.03	0.46	4.6
Cannabichromenic Acid (CBCA)	0.05	ND	ND
Cannabichromene (CBC)	0.05	ND	ND
Total Cannabinoids		**101.85**	**1018.5**
Total Potential THC**		ND	ND
Total Potential CBD**		101.39	1013.9

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.
** 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))
ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
N/A

FINAL APPROVAL

Daniel Weidensaul
5-Jul-2022
2:04 PM
PREPARED BY / DATE

Karen Winternheime
5-Jul-2022
2:06 PM
APPROVED BY / DATE

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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02

ilac-MRA A2LA ACCREDITED
Certificate #4329.02

botanacor

CERTIFICATE OF ANALYSIS

Prepared for:

Crystalline CBD Isolate

KND LABS

Batch ID or Lot Number:	Test:	Reported:	Location:
KND 391	**Pesticides**	**7/6/22**	5801 W 6th Ave Unit A LAKEWOOD, CO 80214

Matrix:	Test ID:	Started:	USDA License:
Concentrate	t000212606	7/5/22	N/A

Status:	Method:	Received:	Sampler ID:
N/A	TM17(LC-QQQ LC MS/MS):	06/30/2022 @ 09:05 AM	N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	39	ND	**Fenoxycarb**	43	ND	**Paclobutrazol**	42	ND
Acetamiprid	41	ND	**Fipronil**	57	ND	**Permethrin**	287	ND
Abamectin	350	ND	**Flonicamid**	42	ND	**Phosmet**	38	ND
Azoxystrobin	41	ND	**Fludioxonil**	286	ND	**Prophos**	281	ND
Bifenazate	43	ND	**Hexythiazox**	38	ND	**Propoxur**	41	ND
Boscalid	33	ND	**Imazalil**	283	ND	**Pyridaben**	304	ND
Carbaryl	37	ND	**Imidacloprid**	44	ND	**Spinosad A**	33	ND
Carbofuran	42	ND	**Kresoxim-methyl**	150	ND	**Spinosad D**	58	ND
Chlorantraniliprole	39	ND	**Malathion**	285	ND	**Spiromesifen**	271	ND
Chlorpyrifos	500	ND	**Metalaxyl**	47	ND	**Spirotetramat**	282	ND
Clofentezine	268	ND	**Methiocarb**	38	ND	**Spiroxamine 1**	16	ND
Diazinon	269	ND	**Methomyl**	38	ND	**Spiroxamine 2**	21	ND
Dichlorvos	276	ND	**MGK 264 1**	150	ND	**Tebuconazole**	291	ND
Dimethoate	43	ND	**MGK 264 2**	112	ND	**Thiacloprid**	41	ND
E-Fenpyroximate	278	ND	**Myclobutanil**	37	ND	**Thiamethoxam**	44	ND
Etofenprox	43	ND	**Naled**	44	ND	**Trifloxystrobin**	41	ND
Etoxazole	301	ND	**Oxamyl**	1500	ND			

Samantha Smith

Sam Smith
7/6/2022
3:31:00 PM

PREPARED BY / DATE

Daniel Weidensaul

Daniel Weidensaul
7/6/2022
3:33:00 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

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:	Test:	Reported:	USDA License:
KND 391	**Heavy Metals**	**01Jul2022**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000212607	01Jul2022	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	30Jun2022	NA

Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.08 - 7.57	ND	
Cadmium	0.08 - 7.89	ND	
Mercury	0.08 - 7.92	ND	
Lead	0.08 - 8.10	ND	

Final Approval

Kayla Phye
01Jul2022
04:26:00 PM MDT

PREPARED BY / DATE

Daniel Weidensaul
01Jul2022
04:27:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/db8bac27-1668-4822-86b2-edc1aaa70183

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

Cert #4329.02
db8bac271668482286b2edc1aaa70183.1

botanacor

CERTIFICATE OF ANALYSIS

Prepared for:

Crystalline CBD Isolate

KND LABS

Batch ID or Lot Number:	Test:	Reported:	Location:
KND 391	**Residual Solvents**	**7/8/22**	5801 W 6th Ave Unit A LAKEWOOD, CO 80214

Matrix:	Test ID:	Started:	USDA License:
N/A	T000213300	7/8/22	N/A

Status:	Methods:	Received:	Sampler ID:
Active	TM04 (GC-MS): Residual Solvents	07/07/2022 @ 12:24 PM	N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	84 - 1678	*ND
Butanes (Isobutane, n-Butane)	175 - 3501	*ND
Methanol	63 - 1261	*ND
Pentane	97 - 1934	865
Ethanol	99 - 1981	*ND
Acetone	108 - 2159	*ND
Isopropyl Alcohol	110 - 2204	*ND
Hexane	6 - 121	*ND
Ethyl Acetate	99 - 1982	*ND
Benzene	0.2 - 4.4	*ND
Heptanes	113 - 2257	*ND
Toluene	22 - 432	*ND
Xylenes (m,p,o-Xylenes)	143 - 2857	*ND

Notes

Sam Smith
8-Jul-22
1:09 PM
PREPARED BY / DATE

Karen Winternheimer
8-Jul-22
1:11 PM
APPROVED BY / DATE

Definitions

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

ilac-MRA A2LA ACCREDITED
Certificate #4329.02