



Certificate of Analysis

Customer:

OP Innovates, LLC
215 E High St
Lexington, KY 40507

Sample ID: **220304014**

Order Number: **CB220304007**

Sample Name: **CBDA**

Collected Date:

Received Date: **3/4/2022**

COA Released: **3/11/2022**

External Sample ID:

Batch Number: **#022222A**

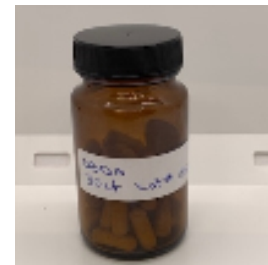
Product Type: **Other**

Sample Type: **Other**

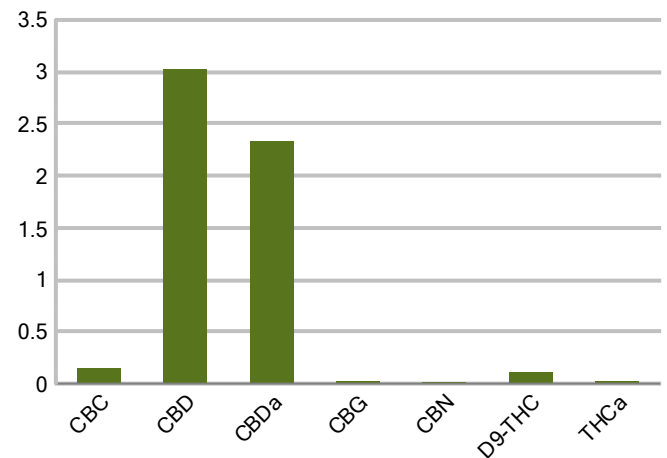
Comments:

CANNABINOID PROFILE

Analyte	LOQ (%)	% weight	mg/g
CBC	0.01	0.154	1.542
CBD	0.01	3.027	30.27
CBDa	0.01	2.334	23.34
CBDV	0.01	ND	ND
CBG	0.01	0.025	0.250
CBGa	0.01	ND	ND
CBN	0.01	0.011	0.110
d8-THC	0.01	ND	ND
d9-THC	0.01	0.107	1.068
THCa	0.01	0.024	0.236
Total Cannabinoids		5.682	56.82
Total Potential THC		0.128	1.275
Total Potential CBD		5.074	50.74
Total Potential CBG		0.025	0.250



Cannabinoids (% weight)



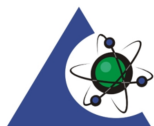
Ratio of Total Potential CBD to Total Potential THC 39.64 : 1

Ratio of Total Potential CBG to Total Potential THC 0.20 : 1

*Total Cannabinoids refers to the sum of all cannabinoids detected.

*Total Potential CBD = (0.877 x CBDa) + CBD. *Total Potential THC = (0.877 x THCa) + THC. *Total Potential CBG = (0.877 x CBGa) + CBG.

*Total Potential THC/CBD are calculated to take into account the loss of an acid group during decarboxylation.



PJLA
Testing
Accreditation #109588

Authorized Signature

Laboratory Manager

Jamie Hobgood

03/11/2022 4:16 PM

DATE

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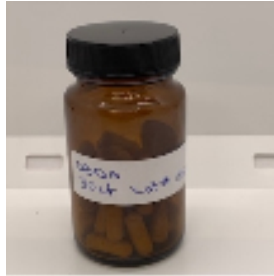


Sample ID: 220304014
Sample Name: CBDA
Sample Type: Other

Certificate of Analysis

Customer

OP Innovates, LLC
215 E High St
Lexington, KY 40507



Overall Batch Results	
Microbial Screen	Residual Solvents
Terpenoids	
Pesticide	Moisture Content
Potency	Water Activity
Mycotoxins	Heavy Metals

Sample Name: CBDA

Sample ID: 220304014

Product Type: Other

Sample Type: Other

Collected Date:

Received Date: 03/04/2022

Batch Number: #022222A

Batch Size:

Sample Size:

COA released: 03/11/2022 4:16 PM

Potency (mg/g)

Date Tested: 03/04/2022

Method: CB-SOP-028

Instrument:

0.128 %	5.074 %	5.682 %	56.82 mg/g
Total THC	Total CBD	Total Cannabinoids	Total Cannabinoids

Analyte	Result	Units	LOQ	Result	Units
CBC (Cannabichromene)	0.154	%	0.010	1.542	mg/g
CBD (Cannabidiol)	3.027	%	0.010	30.27	mg/g
CBDa (Cannabidiolic Acid)	2.334	%	0.010	23.34	mg/g
CBDV (Cannabidivarin)	ND	%	0.010	ND	mg/g
CBG (Cannabigerol)	0.025	%	0.010	0.250	mg/g
CBGa (Cannabigerolic Acid)	ND	%	0.010	ND	mg/g
CBN (Cannabinol)	0.011	%	0.010	0.110	mg/g
D8-THC (D8-Tetrahydrocannabinol)	ND	%	0.010	ND	mg/g
D9-THC (D9-Tetrahydrocannabinol)	0.107	%	0.010	1.068	mg/g
THCa (Tetrahydrocannabinolic Acid)	0.024	%	0.010	0.236	mg/g

Mycotoxins

Date Tested: 03/11/2022

Method: CB-SOP-025

Instrument:

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Ochratoxin A	NT	ppm	0.010		Aflatoxin B1	ND	ppm	0.010	
Aflatoxin G2	ND	ppm	0.010		Aflatoxin B2	ND	ppm	0.010	
Aflatoxin G1	ND	ppm	0.010						

Microbial

Date Tested: 03/08/2022

Method:

Instrument:

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
STEC (E. coli)	Negative				Salmonella	Negative			
L. monocytogenes	Negative				Yeast/Mold (qPCR)	0	CFUs		



PJLA
Testing
Accreditation #109558

Authorized Signature

Laboratory Manager

Jamie Hobgood

03/11/2022 4:16 PM

Date Time

NT = Not tested, ND = Not detected; LOQ = Limit of Quantitation; <LOQ = Detected; >ULOL = Above upper limit of linearity; CFU/g = Colony forming units per 1 gram; TNTC = Too numerous to count

CannaBusiness Laboratories
License # P-0059: (859)-514- 6999 <https://www.cannabusinesslabs.us>

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