



CannaBusiness Laboratories, LLC

2554 Palumbo Dr. Lexington, KY 40509

Certificate of Analysis

Sample ID: **210122005**
Order Number: **CB210122004**
Sample Name: **80mg/mL CBD in OHSO**

Collected Date:
Received Date: **1/22/2021**
COA Released: **2/2/2021**

External Sample ID:
Batch Number: **2101511.80**
Product Type: **Concentrate**
Sample Type: **Concentrate**

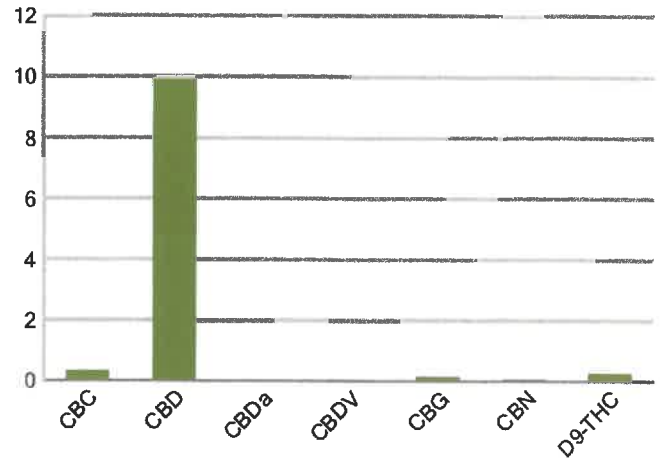
Comments:

CANNABINOID PROFILE

Analyte	LOQ (%)	% weight	mg/ml
CBC	0.01	0.327	3.042
CBD	0.01	9.933	92.38
CBDa	0.01	0.018	0.164
CBDV	0.01	0.038	0.353
CBG	0.01	0.144	1.337
CBGa	0.01	ND	ND
CBN	0.01	0.065	0.601
d8-THC	0.01	ND	ND
d9-THC	0.01	0.267	2.486
THCa	0.01	ND	ND
Total Cannabinoids		10.79	100.4
Total Potential THC		0.267	2.486
Total Potential CBD		9.949	92.52
Total Potential CBG		0.144	1.337



Cannabinoids (% weight)



Ratio of Total Potential CBD to Total Potential THC 37.26 : 1

Ratio of Total Potential CBG to Total Potential THC 0.54 : 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

J. Hobgood
Laboratory Manager

Jamie Hobgood

02/02/2021 2:05 PM

DATE

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Sample ID: 210122005
Sample Name: 80mg/mL CBD in OHSO
Sample Type: Concentrate

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

Sample Name: 80mg/mL CBD in OH

Sample ID: 210122005

Product Type: Concentrate

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Collected Date:

Received Date: 01/22/2021

Batch Number: 2101511.80

Batch Size:

Sample Size:

COA released: 02/02/2021 2:05 PM

Potency			
Date Tested: 01/22/2021	Method:		
Instrument:			

0.267 %	9.949 %	10.79 %	NT
Total THC	Total CBD	Total Cannabinoids	Total Cannabinoids

Analyte	Result	Units	LOQ	Result	Units
CBC (Cannabichromene)	0.327	%	0.010	3.042	mg/mL
CBD (Cannabidiol)	9.933	%	0.010	92.38	mg/mL
CBDa (Cannabidiolic Acid)	0.018	%	0.010	0.164	mg/mL
CBDV (Cannabidivarin)	0.038	%	0.010	0.353	mg/mL
CBG (Cannabigerol)	0.144	%	0.010	1.337	mg/mL
CBGa (Cannabigerolic Acid)	ND	%	0.010	ND	mg/mL
CBN (Cannabinol)	0.065	%	0.010	0.601	mg/mL
D8-THC (D8-Tetrahydrocannabinol)	ND	%	0.010	ND	mg/mL
D9-THC (D9-Tetrahydrocannabinol)	0.267	%	0.010	2.486	mg/mL
THCa (Tetrahydrocannabinolic Acid)	ND	%	0.010	ND	mg/mL

Foreign Material	Result	Note
Date Tested: 01/29/2021	Absence	

Terpenoids					
Date Tested: 01/30/2021	Method:				
Instrument:					

Analyte	Result	Unit	LOQ	Result	Unit
alpha-Bisabolol	<LOQ	mg/g	0.100	<LOQ	%
alpha-humulene	<LOQ	mg/g	0.100	<LOQ	%
alpha-pinene	<LOQ	mg/g	0.100	<LOQ	%
alpha-terpinene	<LOQ	mg/g	0.100	<LOQ	%
beta-caryophyllene	0.313	mg/g	0.100	0.0313	%
Beta-myrcene	<LOQ	mg/g	0.100	<LOQ	%
Beta-pinene	<LOQ	mg/g	0.100	<LOQ	%
cis-Nerolidol	<LOQ	mg/g	0.100	<LOQ	%
Camphene	<LOQ	mg/g	0.100	<LOQ	%
d-Limonene	<LOQ	mg/g	0.100	<LOQ	%
delta-3-Carene	<LOQ	mg/g	0.100	<LOQ	%
Eucalyptol	<LOQ	mg/g	0.100	<LOQ	%
gamma-Terpinene	<LOQ	mg/g	0.100	<LOQ	%
Geraniol	<LOQ	mg/g	0.100	<LOQ	%
Guaiol	<LOQ	mg/g	0.100	<LOQ	%
Isopulegol	<LOQ	mg/g	0.100	<LOQ	%
Linalool	<LOQ	mg/g	0.100	<LOQ	%
Ocimene (mixture of isomers)	<LOQ	mg/g	0.100	<LOQ	%
p-Isopropyltoluene (p-Cymene)	<LOQ	mg/g	0.100	<LOQ	%
trans-beta-Ocimene	<LOQ	mg/g	0.100	<LOQ	%
trans-Nerolidol	<LOQ	mg/g	0.100	<LOQ	%
Terpinolene	<LOQ	mg/g	0.100	<LOQ	%

Pesticides								
Date Tested: 01/29/2021	Method:			Instrument:				

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Carbofuran	ND	ppm	0.010	Pass	Chlorantraniliprole	ND	ppm	0.010	Pass
Chlorpyrifos	ND	ppm	0.010	Pass	Clofentezine	ND	ppm	0.010	Pass
Coumaphos	ND	ppm	0.010	Pass	Daminozide	ND	ppm	0.010	Pass
Diazinon	ND	ppm	0.010	Pass	Dichlorvos	ND	ppm	0.010	Pass
Dimethoate	ND	ppm	0.010	Pass	Etofenprox	ND	ppm	0.010	Pass
Etiozole	ND	ppm	0.010	Pass	Fenhexamid	ND	ppm	0.010	Pass
Fenoxycarb	ND	ppm	0.010	Pass	Fenpyroximate	ND	ppm	0.010	Pass
Fipronil	ND	ppm	0.010	Pass	Fonicamid	ND	ppm	0.010	Pass
Fludioxonil	ND	ppm	0.010	Pass	Hexythiazox	ND	ppm	0.010	Pass
Imazalil	ND	ppm	0.010	Pass	Imidacloprid	ND	ppm	0.010	Pass
Malathion	ND	ppm	0.010	Pass	Metalaxyl	ND	ppm	0.010	Pass

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

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Pesticides								
Date Tested: 01/29/2021		Method:			Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Methiocarb	ND	ppm	0.010	Pass	Methomyl	ND	ppm	0.010	Pass
Myclobutanil	ND	ppm	0.010	Pass	Naled	ND	ppm	0.010	Pass
Oxamyl	ND	ppm	0.010	Pass	Pacllobutrazol	ND	ppm	0.010	Pass
Phosmet	ND	ppm	0.010	Pass	Prallethrin	ND	ppm	0.010	Pass
Propiconazole	ND	ppm	0.010	Pass	Propoxur	ND	ppm	0.010	Pass
Pyrethrin I	ND	ppm	0.010	Pass	Pyrethrin II	ND	ppm	0.010	Pass
Pyridaben	ND	ppm	0.010	Pass	Spinetoram	ND	ppm	0.010	Pass
Spiromesifen	ND	ppm	0.010	Pass	Spirotetramat	ND	ppm	0.010	Pass
Tebuconazole	ND	ppm	0.010	Pass	Thiacloprid	ND	ppm	0.010	Pass
Thiamethoxam	ND	ppm	0.010	Pass	Trifloxystrobin	ND	ppm	0.010	Pass
Ethoprophos	ND	ppm	0.010	Pass	Kresoxym-methyl	ND	ppm	0.010	Pass
Permethrins	ND	ppm	0.010	Pass	Piperonyl Butoxide	<LOQ	ppm	0.010	Pass
Spinosyn A	ND	ppm	0.010	Pass	Spiroxamine-1	ND	ppm	0.010	Pass
AbamectinB1a	ND	ppm	0.010	Pass	Spinosyn D	ND	ppm	0.010	Pass
Acephate	ND	ppm	0.010	Pass	Acetamiprid	ND	ppm	0.010	Pass
Aldicarb	ND	ppm	0.010	Pass	Azoxystrobin	<LOQ	ppm	0.010	Pass
Bifenazate	ND	ppm	0.010	Pass	Bifenthrin	ND	ppm	0.010	Pass
Boscalid	ND	ppm	0.010	Pass	Carbaryl	ND	ppm	0.010	Pass

Mycotoxins								
Date Tested: 01/29/2021		Method:			Instrument:			

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

Metals								
Date Tested: 01/29/2021		Method:			Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Arsenic	<LOQ	ppm	0.500	Pass	Cadmium	<LOQ	ppm	0.500	Pass
Lead	<LOQ	ppm	0.500	Pass	Mercury	<LOQ	ppm	3.000	Pass

Microbial								
Date Tested: 02/02/2021		Method:			Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
STEC (E. coli)	Negative			Pass	Salmonella	Negative			Pass
Listeria spp.	Negative			Pass	L. monocytogenes	Negative			Pass

Residual Solvent								
Date Tested: 01/29/2021		Method:			Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
1-4 Dioxane	<LOQ	ppm	29	Pass	2-Butanol	<LOQ	ppm	175	Pass
2-Ethoxyethanol	<LOQ	ppm	24	Pass	2-Methylpentane	<LOQ	ppm	87	Pass
3-Methylpentane	<LOQ	ppm	87	Pass	2-Propanol	<LOQ	ppm	350	Pass
Cyclohexane	<LOQ	ppm	146	Pass	Ether	<LOQ	ppm	350	Pass
Ethylbenzene	<LOQ	ppm	81	Pass	Acetone	<LOQ	ppm	350	Pass
Isopropyl Acetate	<LOQ	ppm	175	Pass	Methylbutane	<LOQ	ppm	350	Pass
n-Heptane	<LOQ	ppm	350	Pass	n-Hexane	<LOQ	ppm	87	Pass
n-Pentane	<LOQ	ppm	350	Pass	Tetrahydrofuran	<LOQ	ppm	54	Pass

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Residual Solvent

Date Tested: 01/29/2021 Method: Instrument:

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Acetonitrile	<LOQ	ppm	123	Pass	Ethanol	397	ppm	350	Pass
Ethyl acetate	<LOQ	ppm	175	Pass	o-Xylene	<LOQ	ppm	81	Pass
m+p-Xylene	<LOQ	ppm	163	Pass	Methanol	<LOQ	ppm	250	Pass
Methylene Chloride	<LOQ	ppm	90	Pass	Toluene	<LOQ	ppm	67	Pass



Authorized Signature

Jamie Hobgood

02/02/2021 2:05 PM

Laboratory Manager

Date Time

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