ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslabcannabis.com

License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

50 mg FS CBD
Sample Matrix: CBD/HEMP Edibles (Ingestion)

Certificate of Analysis

Compliance Test

Agricultural Extractors LLC
83 Gordon St
Elk Grove Village, IL 60007

Batch # 50 mg FS CBD gummy
Batch Date: 2021-11-19
Extracted From: Hemp

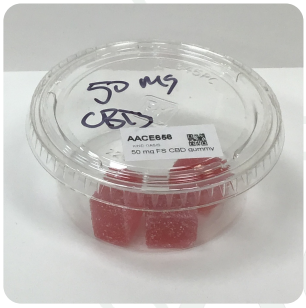
Test Reg State: Florida

Order # KIN211119-160001
Order Date: 2021-11-19
Sample # AACE656

Sampling Date: 2021-11-22
Lab Batch Date: 2021-11-22
Completion Date: 2021-11-24

Initial Gross Weight: 16.882 g
Net Weight: 10.763 g

Number of Units: 1
Net Weight per Unit: 3587.733 mg



Product Image

Potency Tested

Potency - 11

Specimen Weight: 1536.600 mg

Tested (HPLC/LCMS)

Pieces For Panel: 3

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	1000.000	0.000054	0.001	14.450	1.445
Delta-9 THC	1000.000	0.000013	0.001	0.500	0.050
CBG	1000.000	0.000248	0.001	0.220	0.022
CBDV	1000.000	0.000065	0.001	0.170	0.017
CBC	1000.000	0.000018	0.001	0.050	0.005
CBDA	1000.000	0.00001	0.001	0.050	0.005
CBN	1000.000	0.000014	0.001	0.020	0.002
THCV	1000.000	0.000007	0.001		<LOQ
Delta-8 THC	1000.000	0.000026	0.001		<LOQ
CBGA	1000.000	0.00008	0.001		<LOQ
THCA-A	1000.000	0.000032	0.001		<LOQ

Potency Summary

Total THC 0.050%	1.794mg
Total CBD 1.449%	51.986mg
Total CBG 0.022%	0.789mg
Total CBN 0.002%	0.072mg
Other Cannabinoids 0.022%	0.789mg
Total Cannabinoids 1.545%	55.430mg

Xueli Gao Ph.D., DABT — Lab Toxicologist

Aixia Sun D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), *Total THC = THCA-A * 0.877 + Delta 9 THC, *Total THCV = THCV + (THCVA * 0.87) , *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Total CBC = CBC + (CBCA * 0.877), *Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, *Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC, *Total THC-O-Acetate = Delta 8 THC-O-Acetate + THC-O-Acetate, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram , *Measurement of Uncertainty = +/- 10%

CannaBusiness Laboratories, LLC

2554 Palumbo Dr. Lexington, KY 40509

Certificate of Analysis

Customer:
Goodland Extracts LLC
427 E. Stewart St.
Milwaukee, WI 53207

Collected Date: **10/19/2021**
Received Date: **10/25/2021**
COA Released: **10/27/2021**

Comments:

Sample ID: **211020006**
Order Number: **CB211020003**
Sample Name: **Wisconsin Hemp**

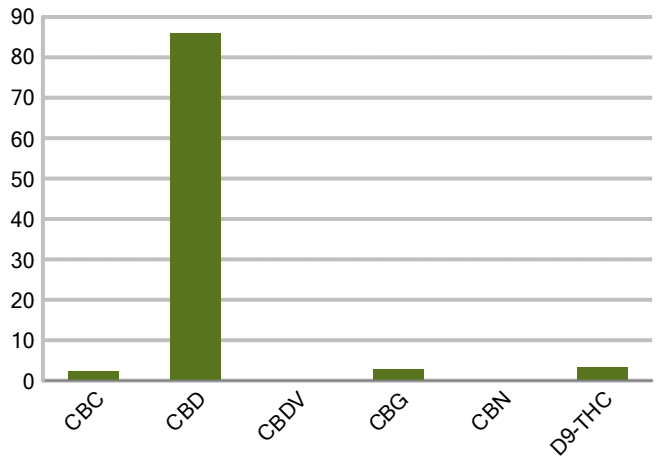
External Sample ID: **CBD Distillate**
Batch Number: **211019**
Product Type: **Concentrate**
Sample Type: **Concentrate**

CANNABINOID PROFILE

Analyte	LOQ (%)	% weight	mg/g
CBC	0.01	2.272	22.72
CBD	0.01	86.09	860.9
CBDa	0.01	ND	ND
CBDV	0.01	0.116	1.162
CBG	0.01	2.760	27.60
CBGa	0.01	ND	ND
CBN	0.01	0.101	1.009
d8-THC	0.01	ND	ND
d9-THC	0.01	3.407	34.07
THCa	0.01	ND	ND
Total Cannabinoids		***94.74***	***947.4***
Total Potential THC		***3.407***	***34.07***
Total Potential CBD		***86.09***	***860.9***
Total Potential CBG		***2.760***	***27.60***

Ratio of Total Potential CBD to Total Potential THC ***25.27 : 1***

Ratio of Total Potential CBG to Total Potential THC ***0.81 : 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

Jamie Hobgood
Laboratory Manager

10/27/2021 11:36 AM
DATE

CannaBusiness Laboratories, LLC
2554 Palumbo Dr. Lexington, KY 40509

Sample ID: 211020006
Sample Name: Wisconsin Hemp
Sample Type: Concentrate

Certificate of Analysis

Customer

Goodland Extracts LLC
427 E. Stewart St.
Milwaukee, WI 53207

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

Sample Name: Wisconsin Hemp
Sample ID: 211020006
Product Type: Concentrate
Sample Type: Concentrate
Collected Date: 10/19/2021
Received Date: 10/25/2021
Batch Number: 211019
Batch Size:
Sample Size:
COA released: 10/27/2021 11:36 AM

Potency (mg/g)

Date Tested: 10/26/2021 Method: CB-SOP-028
Instrument:

3.407 %	86.09 %	94.74 %	947.4 mg/g
Total THC	Total CBD	Total Cannabinoids	Total Cannabinoids

Analyte	Result	Units	LOQ	Result	Units
CBC (Cannabichromene)	2.272	%	0.010	22.72	mg/g
CBD (Cannabidiol)	86.09	%	0.010	860.9	mg/g
CBDa (Cannabidiolic Acid)	ND	%	0.010	ND	mg/g
CBDV (Cannabidivarin)	0.116	%	0.010	1.162	mg/g
CBG (Cannabigerol)	2.760	%	0.010	27.60	mg/g
CBGa (Cannabigerolic Acid)	ND	%	0.010	ND	mg/g
CBN (Cannabinol)	0.101	%	0.010	1.009	mg/g
D8-THC (D8-Tetrahydrocannabinol)	ND	%	0.010	ND	mg/g
D9-THC (D9-Tetrahydrocannabinol)	3.407	%	0.010	34.07	mg/g
THCa (Tetrahydrocannabinolic Acid)	ND	%	0.010	ND	mg/g

Residual Solvent

Date Tested: 10/26/2021 Method: CB-SOP-032 Instrument:

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
1-4 Dioxane	<LOQ	ppm	29		2-Butanol	<LOQ	ppm	175	
2-Ethoxyethanol	<LOQ	ppm	24		2-Methylpentane	<LOQ	ppm	87	
3-Methylpentane	<LOQ	ppm	87		2-Propanol	<LOQ	ppm	350	
Cyclohexane	<LOQ	ppm	146		Ether	<LOQ	ppm	350	
Ethylbenzene	<LOQ	ppm	81		Acetone	<LOQ	ppm	350	
Isopropyl Acetate	<LOQ	ppm	175		Methylbutane	<LOQ	ppm	350	
n-Heptane	<LOQ	ppm	350		n-Hexane	<LOQ	ppm	87	
n-Pentane	<LOQ	ppm	350		Tetrahydrofuran	<LOQ	ppm	54	
Acetonitrile	<LOQ	ppm	123		Ethanol	<LOQ	ppm	350	
Ethyl acetate	<LOQ	ppm	175		o-Xylene	<LOQ	ppm	81	
m+p-Xylene	<LOQ	ppm	163		Methanol	<LOQ	ppm	250	
Methylene Chloride	<LOQ	ppm	90		Toluene	<LOQ	ppm	67	

PJLA Testing
Accreditation #109588

Authorized Signature

Jamie Hobgood — Laboratory Manager — 10/27/2021 (Date) 11:36 AM (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