



Certificate of Analysis

Customer:
Pharm CBD
2580 Highway 42 West
Bedford, KY 40006

Sample ID: **210819016**
Order Number: **CB210819008**
Sample Name: **21140-1**

Collected Date:
Received Date: **8/19/2021**
COA Released: **8/20/2021**

External Sample ID:
Batch Number: **21140**
Product Type: **Other**
Sample Type: **Other**

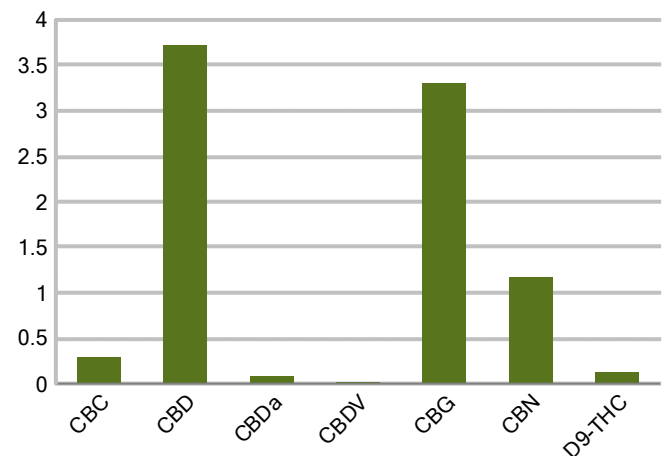
Comments:

CANNABINOID PROFILE

Analyte	LOQ (%)	% weight	mg/g
CBC	0.01	0.288	2.882
CBD	0.01	3.720	37.21
CBDa	0.01	0.080	0.802
CBDV	0.01	0.023	0.231
CBG	0.01	3.302	33.02
CBGa	0.01	ND	ND
CBN	0.01	1.171	11.71
d8-THC	0.01	ND	ND
d9-THC	0.01	0.122	1.217
THCa	0.01	ND	ND
Total Cannabinoids		8.706	87.06
Total Potential THC		0.122	1.216
Total Potential CBD		3.791	37.91
Total Potential CBG		3.302	33.02



Cannabinoids (% weight)



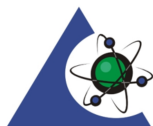
Ratio of Total Potential CBD to Total Potential THC 31.07 : 1

Ratio of Total Potential CBG to Total Potential THC 27.07 : 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

08/20/2021 9:47 AM

DATE

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Sample ID: 210819016
Sample Name: 21140-01
Sample Type: Other

Certificate of Analysis

Customer
OHIO CBD GUY



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

Sample Name: 21140
Sample ID: 210819016
Product Type: Topical
Sample Type: Topical
Collected Date:
Received Date: 8/17/2021
Batch Number: 21140
Batch Size:
Sample Size:
COA released: 8/20/2021 9:47 AM

Potency (mg/g)	
Date Tested: 08/19/2021	Method: CB-SOP-028
Instrument:	

0.122 %	3.791 %	8.706 %	87.06 mg/g
Total THC	Total CBD	Total Cannabinoids	Total Cannabinoids

Analyte	Result	Units	LOQ	Result	Units
CBC (Cannabichromene)	0.288	%	0.010	2.882	mg/g
CBD (Cannabidiol)	3.720	%	0.010	37.21	mg/g
CBDa (Cannabidiolic Acid)	0.080	%	0.010	0.802	mg/g
CBDV (Cannabidivarin)	0.023	%	0.010	0.231	mg/g
CBG (Cannabigerol)	3.302	%	0.010	33.02	mg/g
CBGa (Cannabigerolic Acid)	ND	%	0.010	ND	mg/g
CBN (Cannabinol)	1.171	%	0.010	11.71	mg/g
D8-THC (D8-Tetrahydrocannabinol)	ND	%	0.010	ND	mg/g
D9-THC (D9-Tetrahydrocannabinol)	0.122	%	0.010	1.217	mg/g
THCa (Tetrahydrocannabinolic Acid)	ND	%	0.010	ND	mg/g

Foreign Material Date	Result	Note
Tested: 8/17/2021	Absence	

Water Activity	Result	Units	LOQ	Result
Date Tested: 8/18/2021	0.626	Aw	0.030	

Pesticides		
Date Tested: 8/18/2021	Method: CB-SOP-025	Instrument:

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Acephate	ND	ppm	0.010	Acetamiprid	ND	ppm	0.010		
Aldicarb	ND	ppm	0.010	Azoxystrobin	ND	ppm	0.010		
Bifenazate	ND	ppm	0.010	Bifenthrin	ND	ppm	0.100		
Boscalid	ND	ppm	0.010	Carbaryl	ND	ppm	0.010		
Carbofuran	ND	ppm	0.010	Chlorantraniliprole	ND	ppm	0.010		
Chlorpyrifos	ND	ppm	0.010	Clofentezine	ND	ppm	0.010		
Coumaphos	ND	ppm	0.010	Daminozide	ND	ppm	0.010		
Diazinon	ND	ppm	0.010	Dichlorvos	ND	ppm	0.010		
Dimethoate	ND	ppm	0.010	Etofenprox	ND	ppm	0.010		
Etoxazole	ND	ppm	0.010	Fenhexamid	ND	ppm	0.010		
Fenoxycarb	ND	ppm	0.010	Fenpyroximate	ND	ppm	0.010		
Fipronil	ND	ppm	0.010	Flonicamid	ND	ppm	0.100		

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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Sample ID: 210819016
Sample Name: 21140-01
Sample Type: Other

Certificate of Analysis

Pesticides								
Date Tested: 8/18/2021	Method: CB-SOP-025			Instrument:				

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Fludioxonil	ND	ppm	0.010		Hexythiazox	ND	ppm	0.010	
Imazalil	ND	ppm	0.010		Imidacloprid	ND	ppm	0.010	
Malathion	ND	ppm	0.010		Metalaxyl	ND	ppm	0.010	
Methiocarb	ND	ppm	0.010		Methomyl	ND	ppm	0.010	
Myclobutanil	ND	ppm	0.010		Naled	ND	ppm	0.010	
Oxamyl	ND	ppm	0.010		Paclobutrazol	ND	ppm	0.010	
Phosmet	ND	ppm	0.010		Prallethrin	ND	ppm	0.010	
Propiconazole	ND	ppm	0.010		Propoxur	ND	ppm	0.010	
Pyrethrin I	ND	ppm	0.010		Pyrethrin II	ND	ppm	0.010	
Pyridaben	ND	ppm	0.010		Spinetoram	ND	ppm	0.010	
Spiromesifen	ND	ppm	0.010		Spirotetramat	ND	ppm	0.010	
Tebuconazole	ND	ppm	0.010		Thiacloprid	ND	ppm	0.010	
Thiamethoxam	ND	ppm	0.010		Trifloxystrobin	ND	ppm	0.010	
Ethoprophos	ND	ppm	0.010		Kresoxym-methyl	ND	ppm	0.010	
Permethrins	ND	ppm	0.010		Piperonyl Butoxide	ND	ppm	0.010	
Spinosyn A	ND	ppm	0.010		Spiroxamine-1	ND	ppm	0.010	
AbamectinB1a	ND	ppm	0.010		Spinosyn D	ND	ppm	0.010	

Moisture Content								
Date Tested: 8/18/2021	Method: CB-SOP-020			Instrument:				

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Percent Moisture	13	%	0.010						

Mycotoxins								
Date Tested: 8/18/2021	Method: CB-SOP-025			Instrument:				

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Ochratoxin A	ND	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						

Metals								
Date Tested: 8/18/2021	Method: CB-SOP-027			Instrument:				

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Arsenic	<LOQ	ppm	0.200		Cadmium	<LOQ	ppm	0.200	
Lead	<LOQ	ppm	0.200		Mercury	<LOQ	ppm	0.200	

Microbial								
Date Tested: 8/18/2021	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		

Residual Solvent								
Date Tested: 8/18/2021	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	

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Sample ID: 210819016
Sample Name: 21140-01
Sample Type: Other

Certificate of Analysis

Residual Solvent

Date Tested: 8/18/2021 Method: CB-SOP-032 Instrument:

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
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	



Authorized Signature

J. Hobgood
Laboratory Manager

Jamie Hobgood

8/20/2021 9:47 AM

Date Time

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