



<b>Product Name:</b>	<b>Harmony CBD Oil 100ML</b>
<b>Product Batch:</b>	ZA21305
<b>Certificate ID Number:</b>	CB220127008
<b>Date Tested:</b>	1/24/2022

<b>Cannabinoid Profile &amp; Potency Liquid Tincture:</b>	
<b>D9-THC:</b>	0.290mg/ml
<b>CBD:</b>	21.60mg/ml
<b>CBDV:</b>	ND
<b>CBG:</b>	ND
<b>CBC:</b>	0.680mg/ml
<b>CBN:</b>	0.287mg/ml
<b>Total Count:</b>	mg to ml:
<b>Total THC:</b>	0.290mg/ml
<b>Total CBD:</b>	21.60mg/ml
<b>Manufactured By: Palmetto Synergistic Research Manufacturer Date: 1/14/2022</b>	

<b>Elemental Analysis:</b>	Pass
<b>Microbiological Contaminants:</b>	Pass
<b>Pathogenic Bacterial Contaminants:</b>	Pass
<b>Mycotoxin Testing:</b>	Pass
<b>Pesticide Analysis:</b>	Pass
<b>Terpene Profile:</b>	Please see the full lab for multiple terpene profiles.
<b>Analysis of Volatile Organic Compounds:</b>	Pass

This product has been reviewed by CannaBusiness Laboratories, LLC. The product contains less than 0.3% THC per the Farm Bill of 2018. This product is not intended to diagnose, treat, cure or prevent any disease. The FDA has not evaluated this product.



## Certificate of Analysis

**Customer:**  
 Palmetto Synergistic Research  
 8856 Pee Dee Hwy  
 Conway, SC 29527 / 843-331-1246

Sample ID: **220127021**  
 Order Number: **CB220127008**  
 Sample Name: **Harmony Lipid 100mL Tincture**

Collected Date:  
 Received Date: **1/27/2022**  
 COA Released: **2/1/2022**

External Sample ID:  
 Batch Number: **ZA21305**  
 Product Type: **Edible**  
 Sample Type: **Edible**

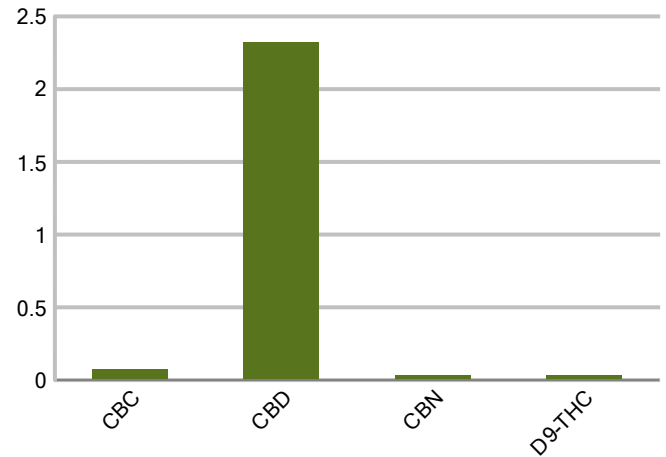
Comments:

### CANNABINOID PROFILE

Analyte	LOQ (%)	% weight	mg/ml
CBC	0.01	0.073	0.680
CBD	0.01	2.322	21.60
CBDa	0.01	ND	ND
CBDV	0.01	ND	ND
CBG	0.01	ND	ND
CBGa	0.01	ND	ND
CBN	0.01	0.031	0.287
d8-THC	0.01	ND	ND
d9-THC	0.01	0.031	0.290
THCa	0.01	ND	ND
<b>Total Cannabinoids</b>		<b>2.457</b>	<b>22.85</b>
<b>Total Potential THC</b>		<b>0.031</b>	<b>0.290</b>
<b>Total Potential CBD</b>		<b>2.322</b>	<b>21.60</b>
<b>Total Potential CBG</b>		<b>N/A</b>	<b>N/A</b>



Cannabinoids (% weight)



**Ratio of Total Potential CBD to Total Potential THC 74.90 : 1**

**Ratio of Total Potential CBG to Total Potential THC N/A**

\*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

02/01/2022 1:14 PM

DATE

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# CannaBusiness Laboratories, LLC

2554 Palumbo Dr. Lexington, KY 40509



Sample ID: 220127021  
Sample Name: Harmony Lipid 100mL  
Sample Type: Edible

## Certificate of Analysis

### Customer

Palmetto Synergistic Research  
8856 Pee Dee Hwy  
Conway, SC 29527 /



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

Sample Name: Harmony Lipid 100mL Tincture  
Sample ID: 220127021  
Product Type: Edible  
Sample Type: Edible  
Collected Date:  
Received Date: 01/27/2022  
Batch Number: ZA21305  
Batch Size:  
Sample Size:  
COA released: 02/01/2022 1:14 PM

Potency (mg/mL)	
Date Tested: 01/29/2022	Method: CB-SOP-028
Instrument:	

<b>0.031 %</b>	<b>2.322 %</b>	<b>2.457 %</b>	<b>22.85 mg/mL</b>
Total THC	Total CBD	Total Cannabinoids	Total Cannabinoids

Analyte	Result	Units	LOQ	Result	Units
CBC (Cannabichromene)	0.073	%	0.010	0.680	mg/mL
CBD (Cannabidiol)	2.322	%	0.010	21.60	mg/mL
CBDa (Cannabidiolic Acid)	ND	%	0.010	ND	mg/mL
CBDV (Cannabidivarin)	ND	%	0.010	ND	mg/mL
CBG (Cannabigerol)	ND	%	0.010	ND	mg/mL
CBGa (Cannabigerolic Acid)	ND	%	0.010	ND	mg/mL
CBN (Cannabinol)	0.031	%	0.010	0.287	mg/mL
D8-THC (D8-Tetrahydrocannabinol)	ND	%	0.010	ND	mg/mL
D9-THC (D9-Tetrahydrocannabinol)	0.031	%	0.010	0.290	mg/mL
THCa (Tetrahydrocannabinolic Acid)	ND	%	0.010	ND	mg/mL

Terpenoids	
Date Tested: 01/28/2022	Method: CB-SOP-026
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	<LOQ	mg/g	0.100	<LOQ	%
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: 01/27/2022	Method: CB-SOP-025	Instrument:

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
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		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	

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: 220127021  
Sample Name: Harmony Lipid 100mL  
Sample Type: Edible

## Certificate of Analysis

Pesticides								
Date Tested: 01/27/2022			Method: CB-SOP-025			Instrument:		

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
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		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	

Mycotoxins								
Date Tested: 01/27/2022			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: 01/28/2022			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: 02/01/2022			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		

Residual Solvent								
Date Tested: 01/28/2022			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	

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Sample ID: 220127021  
Sample Name: Harmony Lipid 100mL  
Sample Type: Edible

## Certificate of Analysis

<b>Residual Solvent</b>		
Date Tested: 01/28/2022	Method: CB-SOP-032	Instrument:

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
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

  
Laboratory Manager

Jamie Hobgood

02/01/2022 1:14 PM

Date Time

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