



Product Name:	Harmony Mandarin Turmeric Hemp Body Oil 500mg
Product Batch:	CE21032
Certificate ID Number:	CannaBusiness Laboratories: CB210115007
Date Tested:	01/25/2021

Cannabinoid Profile & Potency	
D9-THC:	2.217mg/ml
CBD:	50.89mg/ml
CBDV:	ND
CBG:	1.815mg/ml
CBC:	0.130mg/ml
CBN:	ND
Total Count:	mg to ml:
Total THC:	2.217mg/ml
Total CBD:	50.89mg/ml
Manufactured By: Palmetto Synergistic Research Manufacturer Date: 01/17/2020	

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



CannaBusiness Laboratories, LLC

2554 Palumbo Dr. Lexington, KY 40509

Certificate of Analysis

Customer:
Palmetto Synergistic Research
8856 Pee Dee Hwy

Conway, SC 29527

Sample ID: **210115017**
Order Number: **CB210115007**
Sample Name: **Mandarin Turmeric hemp
Body Oil**

Collected Date:
Received Date: **1/15/2021**
COA Released: **1/25/2021**

External Sample ID:
Batch Number: **CE21032**
Product Type: **Topical**
Sample Type: **Topical**

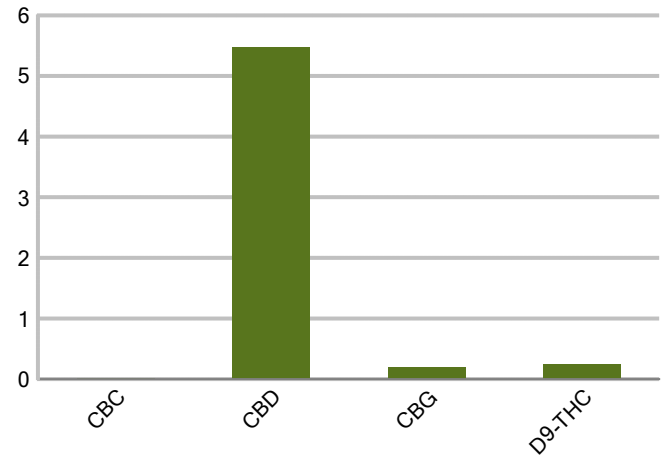
Comments:

CANNABINOID PROFILE

Analyte	LOQ (%)	% weight	mg/ml
CBC	0.01	0.014	0.130
CBD	0.01	5.472	50.89
CBDa	0.01	ND	ND
CBDV	0.01	ND	ND
CBG	0.01	0.195	1.815
CBGa	0.01	ND	ND
CBN	0.01	ND	ND
d8-THC	0.01	ND	ND
d9-THC	0.01	0.238	2.217
THCa	0.01	ND	ND
Total Cannabinoids		5.919	55.05
Total Potential THC		0.238	2.217
Total Potential CBD		5.472	50.89
Total Potential CBG		0.195	1.815



Cannabinoids (% weight)



Ratio of Total Potential CBD to Total Potential THC 22.99 : 1

Ratio of Total Potential CBG to Total Potential THC 0.82 : 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.



Authorized Signature

Jamie Hobgood
Laboratory Manager

Jamie Hobgood

01/25/2021 9:11 AM

DATE

This product has been tested by CannaBusiness Laboratories using validated testing methodologies and a quality system. Values reported relate only to the product tested. CannaB Laboratories makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall r reproduced except in full, without the written permission of CannaBusiness Laboratories. Uncertainty information is available on request. Photo is of sample received by the lab an vary from final packaging. The results apply to the sample as received. ISO/IEC 17025:2017



CannaBusiness Laboratories, LLC

2554 Palumbo Dr. Lexington, KY 40509



Sample ID: 210115017
 Sample Name: Mandarin Turmeric hemp
 Sample Type: Body Oil

Certificate of Analysis

Customer

Palmetto Synergistic Research
 8856 Pee Dee Hwy
 Conway, SC 29527



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 N/A
Terpenoids N/A	

Sample Name: Mandarin Turmeric hemp
 Body Oil

Sample ID: 210115017

Product Type: Topical

Sample Type: Topical

Collected Date:

Received Date: 01/15/2021

Batch Number: CE21032

Batch Size:

Sample Size:

COA released: 01/25/2021 9:11 AM

Potency			
Date Tested: 01/16/2021		Method:	
Instrument:			
0.238 %	5.472 %	5.919 %	NT
Total THC	Total CBD	Total Cannabinoids	Total Cannabinoids

Analyte	Result	Units	LOQ	Result	Units
CBC (Cannabichromene)	0.014	%	0.010	0.130	mg/mL
CBD (Cannabidiol)	5.472	%	0.010	50.89	mg/mL
CBDa (Cannabidiolic Acid)	ND	%	0.010	ND	mg/mL
CBDV (Cannabidivarin)	ND	%	0.010	ND	mg/mL
CBG (Cannabigerol)	0.195	%	0.010	1.815	mg/mL
CBGa (Cannabigerolic Acid)	ND	%	0.010	ND	mg/mL
CBN (Cannabinol)	ND	%	0.010	ND	mg/mL
D8-THC (D8-Tetrahydrocannabinol)	ND	%	0.010	ND	mg/mL
D9-THC (D9-Tetrahydrocannabinol)	0.238	%	0.010	2.217	mg/mL
THCa (Tetrahydrocannabinolic Acid)	ND	%	0.010	ND	mg/mL

Pesticides		
Date Tested: 01/18/2021	Method:	Instrument:

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Acephate	NT	ppm	0.010	Pass	Acetamiprid	NT	ppm	0.010	Pass
Aldicarb	NT	ppm	0.010	Pass	Azoxystrobin	ND	ppm	0.010	Pass
Bifenazate	ND	ppm	0.010	Pass	Bifenthrin	ND	ppm	0.010	Pass
Boscalid	NT	ppm	0.010	Pass	Carbaryl	NT	ppm	0.010	Pass
Carbofuran	NT	ppm	0.010	Pass	Chlorantraniliprole	NT	ppm	0.010	Pass
Chlorpyrifos	NT	ppm	0.010	Pass	Clofentezine	NT	ppm	0.010	Pass
Coumaphos	NT	ppm	0.010	Pass	Daminozide	NT	ppm	0.010	Pass
Diazinon	NT	ppm	0.010	Pass	Dichlorvos	ND	ppm	0.010	Pass
Dimethoate	NT	ppm	0.010	Pass	Etofenprox	NT	ppm	0.010	Pass
Etoazole	ND	ppm	0.010	Pass	Fenhexamid	NT	ppm	0.010	Pass
Fenoxycarb	ND	ppm	0.010	Pass	Fenpyroximate	NT	ppm	0.010	Pass
Fipronil	NT	ppm	0.010	Pass	Flonicamid	NT	ppm	0.010	Pass
Fludioxonil	NT	ppm	0.010	Pass	Hexythiazox	NT	ppm	0.010	Pass
Imazalil	ND	ppm	0.010	Pass	Imidacloprid	ND	ppm	0.010	Pass
Malathion	NT	ppm	0.010	Pass	Metalaxyl	NT	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

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

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Sample ID: 210115017
Sample Name: Mandarin Turmeric hemp
Sample Type: Body Oil

Certificate of Analysis

Pesticides								
Date Tested: 01/18/2021		Method:			Instrument:			

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

Mycotoxins								
Date Tested: 01/18/2021		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: 01/19/2021		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: 01/19/2021		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
Yeast/Mold	0	CFUs		Pass					



Authorized Signature

J. Hobgood
Laboratory Manager

Jamie Hobgood

01/25/2021 9:11 AM

Date Time

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