



# 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: **210514006**  
Order Number: **CB210514004**  
Sample Name: **ReBotanicals Hemp 25 Classic Tincture**

Collected Date:  
Received Date: **5/14/2021**  
COA Released: **6/11/2021**

External Sample ID:  
Batch Number: **21132**  
Product Type: **Edible**  
Sample Type: **Edible**

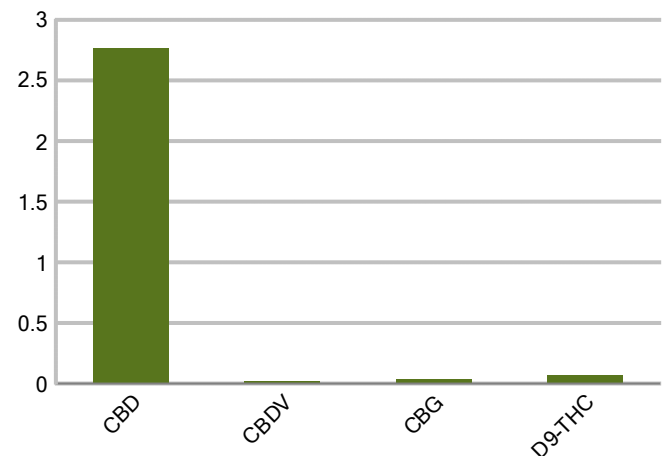
Comments: *d9-THC analysis performed by LCMS-8050  
Revised Report 06/11/21*

### CANNABINOID PROFILE

Analyte	LOQ (%)	% weight	mg/ml
CBC	0.01	ND	ND
CBD	0.01	2.765	25.71
CBDa	0.01	ND	ND
CBDV	0.01	0.023	0.210
CBG	0.01	0.039	0.358
CBGa	0.01	ND	ND
CBN	0.01	ND	ND
d8-THC	0.01	ND	ND
d9-THC	0.01	0.067	0.623
THCa	0.01	ND	ND
<b>Total Cannabinoids</b>		<b>2.893</b>	<b>26.91</b>
<b>Total Potential THC</b>		<b>0.067</b>	<b>0.623</b>
<b>Total Potential CBD</b>		<b>2.765</b>	<b>25.71</b>
<b>Total Potential CBG</b>		<b>0.039</b>	<b>0.358</b>



Cannabinoids (% weight)



**Ratio of Total Potential CBD to Total Potential THC 41.27 : 1**

**Ratio of Total Potential CBG to Total Potential THC 0.58 : 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

06/11/2021 1:46 PM

DATE

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



**Sample ID:** 210514006  
**Sample Name:** ReBotanicals Hemp 25 Classic Tincture  
**Sample Type:** Edible Tincture

## 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:** ReBotanicals Hemp 25 Classic Tincture  
**Sample ID:** 210514006  
**Product Type:** Edible  
**Sample Type:** Edible  
**Collected Date:**  
**Received Date:** 05/14/2021  
**Batch Number:** 21132  
**Batch Size:**  
**Sample Size:**  
**COA released:** 06/11/2021 1:46 PM

Potency (mg/mL)			
Date Tested: 05/14/2021	Method: CB-SOP-028		
Instrument:			

<b>0.067 %</b>	<b>2.765 %</b>	<b>2.893 %</b>	<b>26.91 mg/mL</b>
Total THC	Total CBD	Total Cannabinoids	Total Cannabinoids

Analyte	Result	Units	LOQ	Result	Units
CBC (Cannabichromene)	ND	%	0.010	ND	mg/mL
CBD (Cannabidiol)	2.765	%	0.010	25.71	mg/mL
CBDa (Cannabidiolic Acid)	ND	%	0.010	ND	mg/mL
CBDV (Cannabidivarin)	0.023	%	0.010	0.210	mg/mL
CBG (Cannabigerol)	0.039	%	0.010	0.358	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)	0.067	%	0.010	0.623	mg/mL
THCa (Tetrahydrocannabinolic Acid)	ND	%	0.010	ND	mg/mL

Terpenoids					
Date Tested: 05/22/2021	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	%

Mycotoxins			
Date Tested: 05/22/2021	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: 05/25/2021	Method: CB-SOP-027		Instrument:

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
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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: 210514006  
Sample Name: ReBotanicals Hemp 25  
Sample Type: Ethic Tincture

## Certificate of Analysis

Metals							
Date Tested: 05/25/2021		Method: CB-SOP-027		Instrument:			

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

Microbial							
Date Tested: 05/25/2021		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: 06/03/2021		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	



### Authorized Signature

Laboratory Manager

Jamie Hobgood

06/11/2021 1:46 PM

Date 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

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## ReBotanicals Hemp 25 Classic Tincture

Sample ID: 2106ELB0070.0145  
Strain: N/A  
Matrix: Ingestible  
Type: Tincture  
Sample Size: 1 units; Batch:

Created: 06/08/2021  
Collected:  
Received: 06/08/2021  
Completed: 06/09/2021  
Batch#: 21132

Client  
**ReBotanicals**  
Lic. #  
8856 Pee Dee Hwy.  
Conway, SC 29527

Cultivator/Manufacturer

	<b>NT</b>	<b>NT</b>	<b>NT</b>
	Total THC	Total CBD	Total Cannabinoids
	<b>Not Tested</b> <small>NT</small>	<b>NT</b>	<b>Not Tested</b>
	Water Activity	Moisture	Terpenes

### Safety

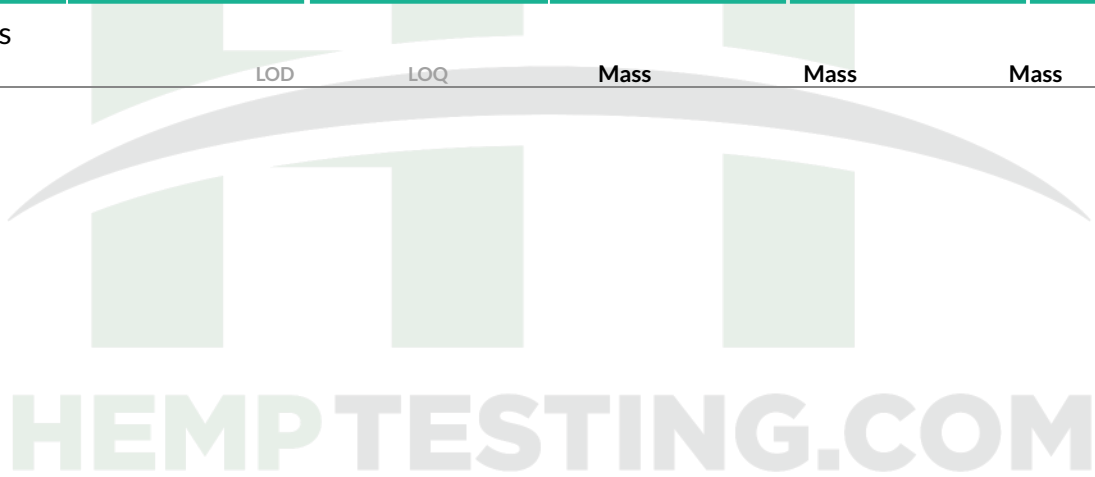
Batch Status: Complete

<b>Complete</b> <small>Date Tested: 06/08/2021</small> Pesticides	<b>Not Tested</b> Microbials	<b>Not Tested</b> Mycotoxins	<b>Not Tested</b> Solvents	<b>Not Tested</b> Metals	<b>Not Tested</b> <small>Date Tested:</small> Foreign Matter
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### Cannabinoids

Not Tested

Analyte LOD LOQ Mass Mass Mass Mass



**Moisture**  
Date Tested:  
Equipment Used:

**Foreign Matter**  
Date Tested:  
Equipment Used:

**Water Activity**  
Date Tested:  
Equipment Used:

1 Unit =  
Potency Date Tested:




Svetlana Ageyeva  
Laboratory Director  
06/09/2021

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HempTesting.com  
2448 6th St. Suite 101  
Berkeley, CA 94710

(888) 978-5066  
www.hemptesting.com/

# ReBotanicals Hemp 25 Classic Tincture

<b>Sample ID:</b> 2106ELB0070.0145	<b>Created:</b> 06/08/2021	<b>Client</b>	Cultivator/Manufacturer
<b>Strain:</b> N/A	<b>Collected:</b>	<b>ReBotanicals</b>	
<b>Matrix:</b> Ingestible	<b>Received:</b> 06/08/2021	<b>Lic. #</b>	
<b>Type:</b> Tincture	<b>Completed:</b> 06/09/2021	8856 Pee Dee Hwy.	
<b>Sample Size:</b> 1 units; Batch:	<b>Batch#:</b> 21132	Conway, SC 29527	



Steep Hill California  
2448 6th St.  
Berkeley, CA 94710

(510) 562-7400  
http://www.steephill.com  
Lic# C8-0000002-LIC

## 2106ELB0070.0145

<b>Sample ID:</b> 2106SHCA0130.0319	<b>Produced:</b>	<b>Client</b>
<b>Strain:</b> N/A	<b>Collected:</b>	<b>Hemptesting.com</b>
<b>Matrix:</b> Ingestible	<b>Received:</b> 06/08/2021	<b>Lic. #</b>
<b>Type:</b> Tincture	<b>Completed:</b> 06/09/2021	2448 Sixth Ave
<b>Sample Size:</b> 1 units; Batch:	<b>Batch#:</b> 21132	Berkeley, CA 94710



### Summary

<b>Test:</b>	<b>Date Tested:</b>	<b>Result:</b>
<b>Batch:</b>	06/08/2021	<b>Pass</b>
<b>Pesticides:</b>		<b>Pass</b>



# Steep Hill



Svetlana Ageyeva  
Lab Director  
06/09/2021

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HempTesting.com  
2448 6th St. Suite 101  
Berkeley, CA 94710

(888) 978-5066  
www.hemptesting.com/

# ReBotanicals Hemp 25 Classic Tincture

Sample ID: 2106ELB0070.0145  
Strain: N/A  
Matrix: Ingestible  
Type: Tincture  
Sample Size: 1 units; Batch:

Created: 06/08/2021  
Collected:  
Received: 06/08/2021  
Completed: 06/09/2021  
Batch#: 21132

Client  
**ReBotanicals**  
Lic. #  
8856 Pee Dee Hwy.  
Conway, SC 29527

Cultivator/Manufacturer



Steep Hill California  
2448 6th St.  
Berkeley, CA 94710

(510) 562-7400  
http://www.steephill.com  
Lic# C8-000002-LIC

Certificate of Analysis

2 of 2

## 2106ELB0070.0145

Sample ID: 2106SHCA0130.0319  
Strain: N/A  
Matrix: Ingestible  
Type: Tincture  
Sample Size: 1 units; Batch:

Produced:  
Collected:  
Received: 06/08/2021  
Completed: 06/09/2021  
Batch#: 21132

Client  
**HempTesting.com**  
Lic. #  
2448 Sixth Ave  
Berkeley, CA 94710

### Pesticides

Pass

Analyte	LOD	LOQ	Limit	Mass	Status	Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.011	0.054	0.1	ND	Pass	Fludioxonil	0.01	0.089	0.1	ND	Pass
Acephate	0.018	0.05	0.1	ND	Pass	Hexythiazox	0.006	0.05	0.1	ND	Pass
Accuquinoyl	0.01	0.05	0.1	ND	Pass	Imazalil	0.01	0.05	0.01	ND	Pass
Acetamiprid	0.002	0.05	0.1	ND	Pass	Imidacloprid	0.006	0.05	5	ND	Pass
Aldicarb	0.006	0.05	0.006	ND	Pass	Kresoxim Methyl	0.01	0.05	0.1	ND	Pass
Azoxystrobin	0.018	0.05	0.1	ND	Pass	Malathion	0.01	0.05	0.5	ND	Pass
Bifenazate	0.006	0.05	0.1	ND	Pass	Metaxalyl	0.002	0.05	2	ND	Pass
Bifenthrin	0.01	0.05	3	ND	Pass	Methiocarb	0.001	0.05	0.001	ND	Pass
Boscalid	0.01	0.089	0.1	ND	Pass	Methomyl	0.006	0.05	1	ND	Pass
Captan	0.089	0.4	0.7	ND	Pass	Methyl Parathion	0.018	0.05	0.018	ND	Pass
Carbaryl	0.001	0.05	0.5	ND	Pass	Mevinphos	0.02	0.05	0.02	ND	Pass
Carbofuran	0.001	0.05	0.001	ND	Pass	Myclobutanil	0.006	0.05	0.1	ND	Pass
Chlorantraniliprole	0.006	0.05	10	ND	Pass	Naled	0.006	0.05	0.1	ND	Pass
Chlordane	0.012	0.05	0.012	ND	Pass	Oxamyl	0.006	0.05	0.5	ND	Pass
Chlorfenapyr	0.006	0.05	0.006	ND	Pass	Paclbutrazol	0.001	0.05	0.001	ND	Pass
Chlorpyrifos	0.006	0.05	0.006	ND	Pass	Pentachloronitrobenzene	0.006	0.05	0.1	ND	Pass
cis-Chlordane	0.006	0.011	ND	Tested	Permethrin	0.019	0.092	0.5	ND	Pass	
Clofentezine	0.01	0.05	0.1	ND	Pass	Phosmet	0.002	0.05	0.1	ND	Pass
Coumaphos	0.006	0.05	0.006	ND	Pass	Piperonyl Butoxide	0.001	0.05	3	ND	Pass
Cyfluthrin	0.178	0.2	2	ND	Pass	Prallethrin	0.045	0.091	0.1	ND	Pass
Cypermethrin	0.045	0.2	1	ND	Pass	Propiconazole	0.018	0.05	0.1	ND	Pass
Daminozide	0.044	0.089	0.044	ND	Pass	Propoxur	0.001	0.05	0.001	ND	Pass
DDVP	0.045	0.09	0.045	ND	Pass	Pyrethrins	0.014	0.05	0.5	ND	Pass
Diazinon	0.001	0.05	0.1	ND	Pass	Pyridaben	0.001	0.05	0.1	ND	Pass
Dimethoate	0.002	0.05	0.002	ND	Pass	Spinetoram	0.012	0.05	0.1	ND	Pass
Dimethomorph	0.01	0.05	2	ND	Pass	Spinosad	0.007	0.05	0.1	ND	Pass
Ethoprophos	0.001	0.05	0.001	ND	Pass	Spiromesifen	0.045	0.091	0.1	ND	Pass
Etofenprox	0.018	0.09	0.018	ND	Pass	Spirotetramat	0.002	0.05	0.1	ND	Pass
Etoxazole	0.01	0.05	0.1	ND	Pass	Spiroxamine	0.006	0.05	0.006	ND	Pass
Fenhexamid	0.01	0.05	0.1	ND	Pass	Tebuconazole	0.002	0.05	0.1	ND	Pass
Fenoxycarb	0.001	0.05	0.001	ND	Pass	Thiacloprid	0.005	0.05	0.005	ND	Pass
Fenpyroximate	0.005	0.05	0.1	ND	Pass	Thiamethoxam	0.002	0.05	5	ND	Pass
Fipronil	0.019	0.05	0.019	ND	Pass	trans-Chlordane	0.006	0.006	ND	Tested	
Fonicamid	0.057	0.05	0.1	ND	Pass	Trifloxystrobin	0.001	0.05	0.1	ND	Pass

Date Tested: 06/08/2021  
LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.  
SOP-113. Pesticides analyzed on Shimadzu LCMS-TQ8060 and GCMS-TQ8040



*Svetlana Agayeva*

Svetlana Agayeva  
Lab Director  
06/09/2021

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Laboratory Director  
06/09/2021

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