



Certificate of Analysis

CANNABUSINESS LABORATORIES, LLC

Customer:

Kentucky Heritage Hemp Co. LLC

1251 Deatsville Rd

Cox's Creek, KY 40013

Received Date **7/11/2025**

COA Released **10/15/2025**

Comments *Collection Date = 07/09/2025 / Lab License Number = P_0059 / Potency Method = CB-SOP-028
Propane = <LOQ (LOQ = 126.13 ug/g)
n-Butane = <LOQ (LOQ = 31.31 ug/g)
Benzene = <LOQ (LOQ = 0.63 ug/g)*

Sample ID **250711006**

Order Number **CB250711004**

Sample Name **Good Night CBD & CBN Oil Drops**

External Sample ID

Batch Number **3275**

Product Type **Other**

Sample Type **Other**

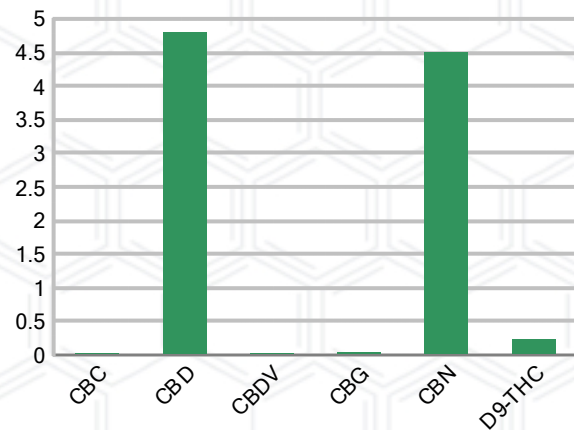
CANNABINOID PROFILE

Analyte	LOQ (%)	% Weight	mg/g
CBC	0.01	0.028	0.281
CBD	0.01	4.799	47.99
CBDa	0.01	ND	ND
CBDV	0.01	0.020	0.195
CBG	0.01	0.037	0.369
CBGa	0.01	ND	ND
CBN	0.01	4.496	44.96
d8-THC	0.01	ND	ND
d9-THC	0.01	0.227	2.268
THCa	0.01	ND	ND
Total Cannabinoids		9.606	96.06
Total Potential THC		0.227	2.268
Total Potential CBD		4.799	47.99
Total Potential CBG		0.037	0.369
Ratio of Total Potential CBD to Total Potential THC			21.14 : 1
Ratio of Total Potential CBG to Total Potential THC			0.16 : 1

SAMPLE IMAGE



CANNABINOIDS % Weight



*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.



Shelby Grinnan
Primary Analyst

SIGNATURE

Shelby Grinnan

LABORATORY MANAGER

10/15/2025 4:55 PM

DATE



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CANNABUSINESS LABORATORIES, LLC

Customer

Kentucky Heritage Hemp Co. LLC
 1251 Deatsville Rd
 Cox's Creek, KY 40013



Sample Name: Good Night CBD & CBN
 Oil Drops

Sample ID: 250711006

Order Number: CB250711004

Product Type: Other

Sample Type: Other

Received Date: 07/11/2025

Batch Number: 3275

COA released: 10/15/2025 4:55 PM

Potency (mg/g)	
Date Tested: 07/14/2025	Method: CB-SOP-028
Instrument:	

0.227 %	4.799 %	9.606 %	96.06 mg/g
Total THC	Total CBD	Total Cannabinoids	Total Cannabinoids

Analyte	Result	Units	LOQ	Result	Units
CBC (Cannabichromene)	0.028	%	0.010	0.281	mg/g
CBD (Cannabidiol)	4.799	%	0.010	47.99	mg/g
CBDa (Cannabidiolic Acid)	ND	%	0.010	ND	mg/g
CBDV (Cannabidivarin)	0.020	%	0.010	0.195	mg/g
CBG (Cannabigerol)	0.037	%	0.010	0.369	mg/g
CBGa (Cannabigerolic Acid)	ND	%	0.010	ND	mg/g
CBN (Cannabinol)	4.496	%	0.010	44.96	mg/g
D8-THC (D8-Tetrahydrocannabinol)	ND	%	0.010	ND	mg/g
D9-THC (D9-Tetrahydrocannabinol)	0.227	%	0.010	2.268	mg/g
THCa (Tetrahydrocannabinolic Acid)	ND	%	0.010	ND	mg/g

Pesticides		
Date Tested: 07/16/2025	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	0.100		
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	Metalaxyl	ND	ppm	0.010		
Methiocarb	ND	ppm	0.010	Methomyl	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

This product has been tested by CannaBusiness Laboratories using validated testing methodologies and a quality system. Values reported relate only to the product tested. CannaBusiness 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 not be reproduced except in full, without the written permission of CannaBusiness Laboratories. Photo is of sample received by the lab and may vary from final packaging. The results apply to the sample as received.



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Pesticides							
Date Tested: 07/16/2025		Method: CB-SOP-025		Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Myclobutanil	ND	ppm	0.010		Naled	ND	ppm	0.010	
Oxamyl	ND	ppm	0.010		Paclobotrazol	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	

Mycotoxins							
Date Tested: 07/16/2025		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: 07/14/2025		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 + E. coli							
Date Tested: 10/15/2025		Method:		Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
STEC (E. coli)	Negative				Salmonella	Negative			
L. monocytogenes	Negative				Yeast/Mold (qPCR)	Absence			
E. coli	0	CFUs							

Residual Solvent							
Date Tested: 10/15/2025		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	

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Shelby Grinnan
Primary Analyst

Shelby Grinnan

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