Certificate of Analysis

CANNABUSINESS LABORATORIES, LLC

Customer: Sympleaf
Palmetto Synergistic Research
8856 Pee Dee Hwy

Conway, SC 29527 / 843-331-1246

Received Date3/20/2023
COA Released3/27/2023

Comments

Sample ID230320004
Order NumberCB230320001
Sample Name Sympleaf 50mg Unflavored Tin

External Sample ID

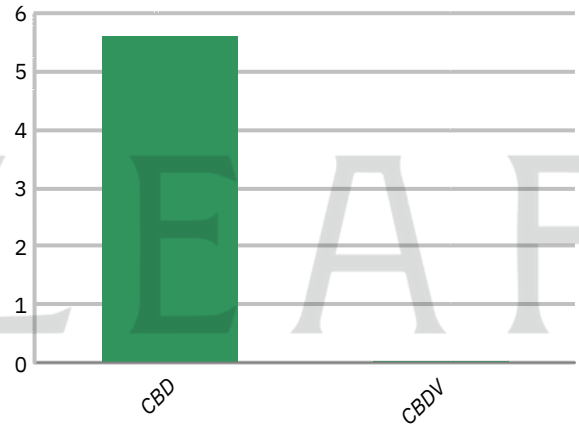
Batch Number23076
Product TypeEdible
Sample TypeEdible

CANNABINOID PROFILE

Analyte	LOQ (%)	% Weight	mg/mL
CBC 0.01 ND			ND
CBD 0.01 5.606			52.14
CBDa 0.01 ND			ND
CBDV 0.01 0.021			0.192
CBG 0.01 ND			ND
CBGa 0.01 ND			ND
CBN 0.01 ND			ND
d8-THC 0.01 ND			ND
d9-THC 0.01 ND			ND
THCa 0.01 ND			ND
Total Cannabinoids5.627			52.33
Total Potential THCN/A			N/A
Total Potential CBD5.606			52.14
Total Potential CBGN/A			N/A
Ratio of Total Potential CBD to Total Potential THC			N/A
Ratio of Total Potential CBG to Total Potential THC			N/A

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.

PJLA Testing
Accreditation #109588

Laboratory Manager

Jamie Hobgood — 03/27/2023 11:59 AM

SIGNATURE DATE LABORATORY MANAGER

Certificate of Analysis

CANNABUSINESS LABORATORIES, LLC

Customer: Sympleaf

Palmetto Synergistic Research

8856 Pee Dee Hwy

Conway, SC 29527 / 843-331-1246

Sample Name:Sympleaf. 50mg Unflavored Tin
Sample ID:230320004
Order Number:CB230320001
Product Type:Edible
Sample Type:Edible
Received Date:03/20/2023
Batch Number:23076
COA released:03/27/2023 12:00 PM

Potency (mg/mL)

Date Tested: 03/20/2023 | Method: CB-SOP-028 | Instrument:

0.000 %	5.606 %	5.627 %	52.33 mg/mL
Total THC	Total CBD	Total Cannabinoids	Total Cannabinoids

Analyte	Result Units	LOQ	Result	Units
CBC (Cannabichromene)	ND%	0.010	ND	mg/mL
CBD (Cannabidiol)	5.606 %	0.010	52.14	mg/mL
CBDa (Cannabidiolic Acid)	ND%	0.010	ND	mg/mL
CBDV (Cannabidivarin)	0.021 %	0.010	0.192	mg/mL
CBG (Cannabigerol)	ND%	0.010	ND	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)	ND%	0.010	ND	mg/mL
THCa (Tetrahydrocannabinolic Acid)	ND%	0.010	ND	mg/mL

Terpenoids

Date Tested: 03/24/2023 | Method: CB-SOP-026 | Instrument:

Analyte	Result Unit	LOQ	Result	Uni
alpha-Bisabolol	<LOQ mg/g	0.10	<LOQ	t %
alpha-humulene	<LOQ mg/g	0	<LOQ	%
alpha-pinene	<LOQ mg/g	0.10	<LOQ	%
alpha-terpinene	<LOQ mg/g	0	<LOQ	%
beta-caryophyllene	<LOQ mg/g	0.10	<LOQ	%
Beta-myrcene	<LOQ mg/g	0	<LOQ	%
Beta-pinene	<LOQ mg/g	0.10	<LOQ	%
cis-Nerolidol	<LOQ mg/g	0	<LOQ	%
Camphene	<LOQ mg/g	0.10	<LOQ	%
d-Limonene	<LOQ mg/g	0	<LOQ	%
delta-3-Carene	<LOQ mg/g	0.10	<LOQ	%
Eucalyptol	<LOQ mg/g	0	<LOQ	%
gamma-Terpinene	<LOQ mg/g	0.10	<LOQ	%
Geraniol	<LOQ mg/g	0	<LOQ	%
Guaiol	<LOQ mg/g	0.10	<LOQ	%
Isopulegol	<LOQ mg/g	0	<LOQ	%
Linalool	<LOQ mg/g	0.10	<LOQ	%
Ocimene (mixture of isomers)	<LOQ mg/g	0	<LOQ	%
p-Isopropyltoluene (p-Cymene)	<LOQ mg/g	0.10	<LOQ	%
trans-beta-Ocimene	<LOQ mg/g	0	<LOQ	%
trans-Nerolidol	<LOQ mg/g	0.10	<LOQ	%
Terpinolene	<LOQ mg/g	0	<LOQ	%
		0.10 0 0.10 0 0.10 0		

Pesticides

Date Tested: 03/24/2023 | Method: CB-SOP-025 | Instrument:

Analyte	Result Units	LOQ	Result
Acephate	ND ppm	0.010	
Aldicarb	ND ppm	0.010	
Bifenazate	ND ppm	0.010	
Boscalid	ND ppm	0.010	
Carbofuran	ND ppm	0.010	
Chlorpyrifos	ND ppm	0.010	
Coumaphos	ND ppm	0.010	
Diazinon	ND ppm	0.010	
Dimethoate	ND ppm	0.010	
Etoxazole	ND ppm	0.010	
Fenoxycarb	ND ppm	0.010	
Fipronil	ND ppm	0.010	
Fludioxonil	ND ppm	0.010	
Imazalil	ND ppm	0.010	
Malathion	ND ppm	0.010	

Analyte	Result Units	LOQ	Result
Acetamiprid	ND ppm	0.010	
Azoxystrobin	ND ppm	0.010	
Bifenthrin	ND ppm	0.100	
Carbaryl	ND ppm	0.010	
Chlorantraniliprole	ND ppm	0.010	
Clofentezine	ND ppm	0.010	
Daminozide	ND ppm	0.010	
Dichlorvos	ND ppm	0.100	
Etofenprox	ND ppm	0.010	
Fenhexamid	ND ppm	0.010	
Fenpyroximate	ND ppm	0.010	
Flonicamid	ND ppm	0.100	
Hexythiazox	ND ppm	0.010	
Imidacloprid	ND ppm	0.010	
Metalaxyl	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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Pesticides

Date Tested: 03/24/2023 Method: CB-SOP-025 Instrument:

Analyte	Result Units	LOQ	Result	Analyte	Result Units	LOQ	Result
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		

Mycotoxins

Date Tested: 03/24/2023 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: 03/24/2023 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: 03/24/2023 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: 03/24/2023 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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2554 PALUMBO DRIVE, LEXINGTON, KY 40509 | (859) 514-6999 | INFO@CANNABUSINESSLABS.US | CANNABUSINESSLABS.US

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PJLA Testing
Accreditation #109588

Laboratory Manager

Jamie Hobgood 03/27/2023 12:00 PM

SI G N A T U R E DATE

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