



CHARLOTTE'S WEB™

STANLEY BROTHERS

CERTIFICATE OF ANALYSIS

Boulder, CO 80302 • 1-855-790-8169 • charlottesweb.com

Product Code: 912.002 Product Description: Charlotte's Web 25 mg Mint Chocolate	
Batch Number: A01044	Expiration Date: April 12, 2023
Units Manufactured: 4,616	Batch Size: 138,480g
Manufacture Date: April 12, 2021	

PARAMETER	TEST METHOD	SPECIFICATION	RESULT	PASS/FAIL
Odor	Organoleptic Inspection	Sweet Chocolate Smell with Hint of Mint Smell	Sweet Chocolate Smell with Hint of Mint Smell	Pass
Visual	Organoleptic Inspection	Clear Liquid with Slight Yellow Tint	Clear Liquid with Slight Yellow Tint	Pass
		Free of Foreign Material	Free of Foreign Material	Pass
		No Haze to Slightly Hazy Appearance	Slightly Hazy Appearance	Pass
Density	Internal Method MTHD08 - Charlotte's Web Inc. - Louisville, CO	As Reported	0.955 g/mL	
CANNABINOIDS				
Delta-9 THC	CANNABINOID POTENCY BY HPLC ANALYSIS - Eurofins Food Chemistry Testing - Madison, WI	NMT 0.01% w/w (0.1 mg/g)	Not Detected	Pass
THCA		Not Detected	Not Detected	Pass
Total Delta-9 THC + THCA		NMT 0.01% w/w (0.1 mg/g)	Not Detected	Pass
THCV		As Reported	Not Detected	
CBD		25 – 33 mg/mL (100-130% of Label)	32 mg/mL	Pass
CBDA		NMT 3 mg/mL	Not Detected	Pass
CBDV		As Reported	0.1 mg/mL	
CBDVA		As Reported	Not Detected	
CBG		As Reported	0.08 mg/mL	
CBGA		As Reported	Not Detected	
CBN		As Reported	0.04 mg/mL	
CBC		As Reported	0.2 mg/mL	

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CANNABINOIDS				
Total Delta-9 THC per Container	Calculation	As Reported	Not Detected	
Total Delta-9 THC per Serving		As Reported	Not Detected	
MICROBIAL				
Total Aerobic Plate Count	BAM Ch 8, USPC 2021, AOAC 966.23, TM05, Eurofins Microbiology - Lafayette, CO	<10 ⁴ CFU/mL	<10 cfu/mL	Pass
Total Yeasts and Molds	CMMEF 5th 21.51, USPM 2021, BAM Ch 18, TM06 - Eurofins Microbiology - Lafayette, CO	<10 ³ CFU/mL	<20 cfu/mL	Pass
Total Coliforms	CMMEF 8.933, AOAC 991.14, TM05 - Eurofins Microbiology - Lafayette, CO	<10 ² CFU/mL	<10 cfu/mL	Pass
Salmonella spp.	AOAC 2016.01, USPS 2022, AOAC-RI 121501, TM06 - Eurofins Microbiology - Lafayette, CO	Absent	Absent	Pass
Escherichia coli	CMMEF 8.933, AOAC 991.14, TM05 - Eurofins Microbiology - Lafayette, CO	<10 CFU/mL	<10 cfu/mL	Pass
CATEGORY I RESIDUAL SOLVENTS				
1, 2-Dichloroethane	HS-GC/MS Internally Developed Method – Eurofins Food Chemistry Testing – Madison, WI	NMT 1.0 µg/g	<1.0 µg/g	Pass
Benzene		NMT 1.0 µg/g	<1.0 µg/g	Pass
Chloroform		NMT 1.0 µg/g	<1.0 µg/g	Pass
Ethylene oxide		NMT 25 µg/g	<25 µg/g	Pass
Methylene chloride		NMT 1.0 µg/g	<1.0 µg/g	Pass
Trichloroethylene		NMT 1.0 µg/g	<1.0 µg/g	Pass
CATEGORY II RESIDUAL SOLVENTS				
Acetone	HS-GC/MS Internally Developed Method – Eurofins Food Chemistry Testing – Madison, WI	NMT 5000 µg/g	<200 µg/g	Pass
Acetonitrile		NMT 410 µg/g	<200 µg/g	Pass
Butane		NMT 5000 µg/g	<500 µg/g	Pass
Ethanol		NMT 5000 µg/g	<1000 µg/g	Pass

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CATEGORY II RESIDUAL SOLVENTS				
Ethyl acetate	HS-GC/MS Internally Developed Method – Eurofins Food Chemistry Testing – Madison, WI	NMT 5000 µg/g	<500 µg/g	Pass
Ethyl ether		NMT 5000 µg/g	<500 µg/g	Pass
Heptane		NMT 5000 µg/g	<50.0 µg/g	Pass
Hexane		NMT 290 µg/g	<30.0 µg/g	Pass
Isopropyl Alcohol		NMT 5000 µg/g	<500 µg/g	Pass
Methanol		NMT 3000 µg/g	<500 µg/g	Pass
Pentane		NMT 5000 µg/g	<25.0 µg/g	Pass
Propane		NMT 5000 µg/g	<1000 µg/g	Pass
Toluene		NMT 890 µg/g	<90.0 µg/g	Pass
Total xylenes (ortho-, meta-, para-)		NMT 2170 µg/g	<160 µg/g	Pass
CATEGORY I RESIDUAL PESTICIDES				
Aldicarb	AOAC Official Method 2007.01 and EN 15662 - Eurofins Food Chemistry Testing - Madison, WI	NMT 0.10 µg/g	<0.10 µg/g	Pass
Carbofuran		NMT 0.10 µg/g	<0.10 µg/g	Pass
Chlordane		NMT 0.10 µg/g	<0.10 µg/g	Pass
Chlorfenapyr		NMT 0.10 µg/g	<0.10 µg/g	Pass
Chlorpyrifos		NMT 0.10 µg/g	<0.10 µg/g	Pass
Coumaphos		NMT 0.10 µg/g	<0.10 µg/g	Pass
Daminozide		NMT 0.10 µg/g	<0.10 µg/g	Pass
DDVP (Dichlorvos)		NMT 0.10 µg/g	<0.10 µg/g	Pass
Dimethoate		NMT 0.10 µg/g	<0.10 µg/g	Pass
Ethoprop(hos)		NMT 0.10 µg/g	<0.10 µg/g	Pass
Etofenprox		NMT 0.10 µg/g	<0.10 µg/g	Pass
Fenoxycarb		NMT 0.10 µg/g	<0.10 µg/g	Pass
Fipronil		NMT 0.10 µg/g	<0.10 µg/g	Pass
Imazalil		NMT 0.10 µg/g	<0.10 µg/g	Pass

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CATEGORY I RESIDUAL PESTICIDES				
Methiocarb	AOAC Official Method 2007.01 and EN 15662 - Eurofins Food Chemistry Testing - Madison, WI	NMT 0.10 µg/g	<0.10 µg/g	Pass
Methyl parathion		NMT 0.10 µg/g	<0.10 µg/g	Pass
Mevinphos		NMT 0.10 µg/g	<0.10 µg/g	Pass
Paclobutrazol		NMT 0.10 µg/g	<0.10 µg/g	Pass
Propxur		NMT 0.10 µg/g	<0.10 µg/g	Pass
Spiroxamine		NMT 0.10 µg/g	<0.10 µg/g	Pass
Thiacloprid		NMT 0.10 µg/g	<0.10 µg/g	Pass
CATEGORY II RESIDUAL PESTICIDES				
Abamectin	AOAC Official Method 2007.01 and EN 15662 - Eurofins Food Chemistry Testing - Madison, WI	NMT 0.3 µg/g	<0.30 µg/g	Pass
Acephate		NMT 5 µg/g	<0.10 µg/g	Pass
Acequinocyl		NMT 4 µg/g	<1.0 µg/g	Pass
Acetamiprid		NMT 5 µg/g	<0.10 µg/g	Pass
Azoxystrobin		NMT 40 µg/g	<0.10 µg/g	Pass
Bifenazate		NMT 5 µg/g	<0.10 µg/g	Pass
Bifenthrin		NMT 0.5 µg/g	<0.10 µg/g	Pass
Boscalid		NMT 10 µg/g	<0.10 µg/g	Pass
Captan		NMT 5 µg/g	<0.20 µg/g	Pass
Carbaryl		NMT 0.5 µg/g	<0.10 µg/g	Pass
Chlorantraniliprole		NMT 40 µg/g	<0.10 µg/g	Pass
Clofentezine		NMT 0.5 µg/g	<0.10 µg/g	Pass
Cyfluthrin		NMT 1 µg/g	<0.10 µg/g	Pass
Cypermethrin		NMT 1 µg/g	<0.10 µg/g	Pass
Diazinon		NMT 0.2 µg/g	<0.10 µg/g	Pass
Dimethomorph		NMT 20 µg/g	<0.10 µg/g	Pass
Etoazole		NMT 1.5 µg/g	<0.10 µg/g	Pass
Fenhexamid		NMT 10 µg/g	<0.10 µg/g	Pass
Fenpyroximate		NMT 2 µg/g	<0.10 µg/g	Pass
Fonicamid		NMT 2 µg/g	<0.10 µg/g	Pass

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CATEGORY II RESIDUAL PESTICIDES				
Fludioxonil	AOAC Official Method 2007.01 and EN 15662 - Eurofins Food Chemistry Testing - Madison, WI	NMT 30 µg/g	<0.10 µg/g	Pass
Hexythiazox		NMT 2 µg/g	<0.10 µg/g	Pass
Imidacloprid		NMT 3 µg/g	<0.10 µg/g	Pass
Kresoxim-methyl		NMT 1 µg/g	<0.10 µg/g	Pass
Malathion		NMT 5 µg/g	<0.10 µg/g	Pass
Metalaxyl		NMT 15 µg/g	<0.10 µg/g	Pass
Methomyl		NMT 0.1 µg/g	<0.10 µg/g	Pass
Myclobutanil		NMT 9 µg/g	<0.10 µg/g	Pass
Naled		NMT 0.5 µg/g	<0.10 µg/g	Pass
Oxamyl		NMT 0.2 µg/g	<0.10 µg/g	Pass
Pentachloronitrobenzene		NMT 0.2 µg/g	<0.10 µg/g	Pass
Permethrin		NMT 20 µg/g	<0.10 µg/g	Pass
Phosmet		NMT 0.2 µg/g	<0.10 µg/g	Pass
Piperonylbutoxide		NMT 8 µg/g	<0.10 µg/g	Pass
Prallethrin		NMT 0.4 µg/g	<0.10 µg/g	Pass
Propiconazole		NMT 20 µg/g	<0.10 µg/g	Pass
Pyrethrins		NMT 1 µg/g	<1.0 µg/g	Pass
Pyridaben		NMT 3 µg/g	<0.10 µg/g	Pass
Spinetoram		NMT 3 µg/g	<0.10 µg/g	Pass
Spinosad		NMT 3 µg/g	<0.10 µg/g	Pass
Spiromesifen		NMT 12 µg/g	<0.10 µg/g	Pass
Spirotetramat		NMT 13 µg/g	<0.10 µg/g	Pass
Tebuconazole		NMT 2 µg/g	<0.10 µg/g	Pass
Thiamethoxam		NMT 4.5 µg/g	<0.10 µg/g	Pass
Trifloxystrobin		NMT 30 µg/g	<0.10 µg/g	Pass

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OTHER RESIDUAL PESTICIDES				
Glyphosate	Monsanto Company Method ME-1466-02 - Eurofins Food Chemistry Testing - Madison, WI	NMT 0.2 µg/g	<0.10 µg/g	Pass
Metolachlor	AOAC Official Method 2007.01 – Eurofins Food Chemistry Testing - Madison, WI	NMT 0.3 µg/g	<0.10 µg/g	Pass
MYCOTOXINS				
Total of aflatoxin B1, B2, G1 and G2	AOAC 990.33, Analytical and BioAnalytical Chemistry, 402:2675-2686 (2012) – Eurofins Food Chemistry Testing – Madison, WI	NMT 20 µg/kg	<2.0 µg/kg	Pass
Ochratoxin A		NMT 20 µg/kg	<1.0 µg/kg	Pass
HEAVY METALS				
Arsenic	2011.19 and 993.14, AOAC INTERNATIONAL – Eurofins Food Chemistry Testing – Madison, WI	NMT 1.5 µg/g	<0.01 µg/g	Pass
Cadmium		NMT 0.5 µg/g	<0.005 µg/g	Pass
Lead		NMT 0.5 µg/g	<0.005 µg/g	Pass
Mercury		NMT 3.0 µg/g	<0.005 µg/g	Pass

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INGREDIENT LIST:

COMPONENT	PART NUMBER	MANUFACTURER	LOT NUMBER
THC Free Extract	500.020	N/A	95.0007
MCT Oil	410.004	N/A	0111509920
MCT Oil	410.004	N/A	410.004-01Jan19
Mint Chocolate Flavoring	410.034	N/A	410.034-28Feb21
Monk Fruit	410.035	N/A	45GF201203-12Feb21

QUALITY APPROVAL		
Prepared By/ Date	Approved By/ Date	Status
		Released

This Charlotte's Web Inc.™ product has been reviewed by Quality Assurance, has been found to have met all product specifications, and is released. This product contains less than 0.3% THC per hemp regulation.

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