



CHARLOTTE'S WEB™

STANLEY BROTHERS

CERTIFICATE OF ANALYSIS

Denver, CO 80202 • 1-855-790-8169 • charlottesweb.com

Product Code: 960.020.01.01	
Product Description: Charlotte's Web 15 mg THC Free Gummy	
Batch Number: 1222A1G	Expiration Date: Feb 2023
Units Manufactured: 1,506	Batch Size: 361.44 kgs
Manufacture Date: Aug 2021	

PARAMETER	TEST METHOD	SPECIFICATION	RESULT	PASS/FAIL
Manufacture COAs		Received	Received	Pass
Water Activity	978.18 AOAC International	NMT 0.7	0.7	Pass
Odor	Organoleptic Inspection	Light Peach Mango and Hemp, Sweet Smell	Light Peach Mango and Hemp, Sweet Smell	Pass
Visual	Organoleptic Inspection	Orange	Orange	Pass
	Organoleptic Inspection	No Visual Inconsistencies	No visual inconsistencies	Pass
	Organoleptic Inspection	Cube OR Gum Drop Shape	Cube	Pass
	Organoleptic Inspection	Free of Foreign Material	Free of Foreign Material	Pass
Weight	Average Weight of 10 Gummies	4 ± 0.4 g per Gummy	3.9 g	Pass
POTENCY				
CBDVA	Cannabinoid Potency by HPLC - Botanacor Laboratories - Denver, CO	As Reported	ND	
CBDV		As Reported	ND	
CBDA		NMT 0.3%	ND	Pass
CBGA		As Reported	ND	
CBG		As Reported	ND	
CBD		15 - 19 mg/Serving (100-130% of Label claim)	19 mg/Serving	Pass
THCV		As Reported	ND	
CBN		As Reported	ND	
Delta-9 THC		As Reported	ND	

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POTENCY				
THCA (THCA-A)	Cannabinoid Potency by HPLC - Botanacor Laboratories - Denver, CO	As Reported	ND	
Total Delta-9 THC + THCA		NMT 0.01%	ND	Pass
CBC		As Reported	ND	
Total Delta-9 THC per Container	Calculation	As Reported	ND	
Total Delta-9 THC per Serving	Calculation	As Reported	ND	
MICROBIAL				
Salmonella spp.	AOAC-RI 121501 - Eurofins Microbiology - Lafayette, CO	Absent in 25 g	Not Detected	Pass
Escherichia coli	AOAC 991.14 - Eurofins Microbiology - Lafayette, CO	<10 CFU/g	<10 CFU/g	Pass
Total Aerobic Plate Count	AOAC 966.23 Eurofins Microbiology - Lafayette, CO	<10 ⁴ CFU/g	<10 CFU/g	Pass
Total Yeasts and Molds	BAM Ch 18 Mod. - Eurofins Microbiology - Lafayette, CO	<10 ³ CFU/g	<20 CFU/g	Pass
Total Coliforms	AOAC 991.14 - Eurofins Microbiology - Lafayette, CO	<10 ² CFU/g	<10 CFU/g	Pass

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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
Ethyl acetate		NMT 5000 µg/g	<500 µg/g	Pass
Ethyl ether		NMT 5000 µg/g	<500 µg/g	Pass
Heptane		NMT 5000 µg/g	<50 µg/g	Pass
Hexane		NMT 290 µg/g	<30 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 µg/g	Pass
Propane		NMT 5000 µg/g	<1000 µg/g	Pass
Toluene		NMT 890 µg/g	<90 µg/g	Pass
Total xylenes (ortho-, meta-, para-)		NMT 2170 µg/g	<160 µg/g	Pass

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CATEGORY I RESIDUAL PESTICIDES				
Aldicarb	AOAC Official Method 2007.01 and EN 15662 - Eurofins Food Chemistry Testing - Madison, WI	NMT 0.10 µg/g	<0.1 µg/g	Pass
Carbofuran		NMT 0.10 µg/g	<0.1 µg/g	Pass
Chlordane		NMT 0.10 µg/g	<0.1 µg/g	Pass
Chlorfenapyr		NMT 0.10 µg/g	<0.1 µg/g	Pass
Chlorpyrifos		NMT 0.10 µg/g	<0.1 µg/g	Pass
Coumaphos		NMT 0.10 µg/g	<0.1 µg/g	Pass
Daminozide		NMT 0.10 µg/g	<0.1 µg/g	Pass
DDVP (Dichlorvos)		NMT 0.10 µg/g	<0.1 µg/g	Pass
Dimethoate		NMT 0.10 µg/g	<0.1 µg/g	Pass
Ethoprop(hos)		NMT 0.10 µg/g	<0.1 µg/g	Pass
Etofenprox		NMT 0.10 µg/g	<0.1 µg/g	Pass
Fenoxycarb		NMT 0.10 µg/g	<0.1 µg/g	Pass
Fipronil		NMT 0.10 µg/g	<0.1 µg/g	Pass
Imazalil		NMT 0.10 µg/g	<0.1 µg/g	Pass
Methiocarb		NMT 0.10 µg/g	<0.1 µg/g	Pass
Methyl parathion		NMT 0.10 µg/g	<0.1 µg/g	Pass
Mevinphos		NMT 0.10 µg/g	<0.1 µg/g	Pass
Paclobutrazol		NMT 0.10 µg/g	<0.1 µg/g	Pass
Propoxur	NMT 0.10 µg/g	<0.1 µg/g	Pass	
Spiroxamine	NMT 0.10 µg/g	<0.1 µg/g	Pass	
Thiacloprid	NMT 0.10 µg/g	<0.1 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	<0.3 µg/g	Pass
Acephate		NMT 5 µg/g	<0.1 µg/g	Pass
Acequinocyl		NMT 4 µg/g	<1 µg/g	Pass
Acetamiprid		NMT 5 µg/g	<0.1 µg/g	Pass
Azoxystrobin		NMT 40 µg/g	<0.1 µg/g	Pass
Bifenthrin		NMT 5 µg/g	<0.1 µg/g	Pass
Bifenthrin		NMT 0.5 µg/g	<0.1 µg/g	Pass
Boscalid		NMT 10 µg/g	<0.1 µg/g	Pass
Captan		NMT 5 µg/g	<0.2 µg/g	Pass

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CATEGORY II RESIDUAL PESTICIDES				
Carbaryl	AOAC Official Method 2007.01 and EN 15662 - Eurofins Food Chemistry Testing - Madison, WI	NMT 0.5 µg/g	<0.1 µg/g	Pass
Chlorantraniliprole		NMT 40 µg/g	<0.1 µg/g	Pass
Clofentezine		NMT 0.5 µg/g	<0.1 µg/g	Pass
Cyfluthrin		NMT 1 µg/g	<0.1 µg/g	Pass
Cypermethrin		NMT 1 µg/g	<0.1 µg/g	Pass
Diazinon		NMT 0.2 µg/g	<0.1 µg/g	Pass
Dimethomorph		NMT 20 µg/g	<0.1 µg/g	Pass
Etoxazole		NMT 1.5 µg/g	<0.1 µg/g	Pass
Fenhexamid		NMT 10 µg/g	<0.1 µg/g	Pass
Fenpyroximate		NMT 2 µg/g	<0.1 µg/g	Pass
Fonicamid		NMT 2 µg/g	<0.1 µg/g	Pass
Fludioxonil		NMT 30 µg/g	<0.1 µg/g	Pass
Hexythiazox		NMT 2 µg/g	<0.1 µg/g	Pass
Imidacloprid		NMT 3 µg/g	<0.1 µg/g	Pass
Kresoxim-methyl		NMT 1 µg/g	<0.1 µg/g	Pass
Malathion		NMT 5 µg/g	<0.1 µg/g	Pass
Metalaxyl		NMT 15 µg/g	<0.1 µg/g	Pass
Methomyl		NMT 0.1 µg/g	<0.1 µg/g	Pass
Myclobutanil		NMT 9 µg/g	<0.1 µg/g	Pass
Naled		NMT 0.5 µg/g	<0.1 µg/g	Pass
Oxamyl		NMT 0.2 µg/g	<0.1 µg/g	Pass
Pentachloronitrobenzene (Quintozene)		NMT 0.2 µg/g	<0.1 µg/g	Pass
Permethrin		NMT 20 µg/g	<0.1 µg/g	Pass
Phosmet		NMT 0.2 µg/g	<0.1 µg/g	Pass
Piperonylbutoxide		NMT 8 µg/g	<0.1 µg/g	Pass
Prallethrin		NMT 1.0 µg/g	<1.0 µg/g	Pass
Propiconazole		NMT 1.0 µg/g	<0.1 µg/g	Pass
Pyrethrins		NMT 1 µg/g	<1 µg/g	Pass
Pyridaben	NMT 3 µg/g	<0.1 µg/g	Pass	
Spinetoram	NMT 3 µg/g	<0.1 µg/g	Pass	
Spinosad	NMT 3 µg/g	<0.1 µg/g	Pass	
Spiromesifen	NMT 12 µg/g	<0.1 µg/g	Pass	

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CATEGORY II RESIDUAL PESTICIDES				
Spirotetramat	AOAC Official Method 2007.01 and EN 15662 - Eurofins Food Chemistry Testing - Madison, WI	NMT 13 µg/g	<0.1 µg/g	Pass
Tebuconazole		NMT 2 µg/g	<0.1 µg/g	Pass
Thiamethoxam		NMT 4.5 µg/g	<0.1 µg/g	Pass
Trifloxystrobin		NMT 30 µg/g	<0.1 µg/g	Pass
OTHER RESIDUAL PESTICIDES				
Glyphosate	Monsanto Company Method ME-1466-02 - Eurofins Food Chemistry Testing - Madison, WI	NMT 0.2 µg/g	<0.1 µg/g	Pass
Metolachlor	AOAC Official Method 2007.01 and EN 15662 - Eurofins Food Chemistry Testing - Madison, WI	NMT 0.3 µg/g	<0.1 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 µg/kg	Pass
Ochratoxin A		NMT 20 µg/kg	<1 µg/kg	Pass
HEAVY METALS				
Arsenic	Method 2011.19 and 993.14, AOAC International (Modified)-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
HL Unflavored THC Free MCT Bulk	530.032	N/A	EP-05.26.21

QUALITY APPROVAL		
Prepared By/ Date	Approved By/ Date	Status

This Charlotte's Web Inc.™ product has been reviewed by Quality Assurance.

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