



# CHARLOTTE'S WEB™

STANLEY BROTHERS

## CERTIFICATE OF ANALYSIS

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

Product Code: ABC-P-CSAS0030SW-R2	
Product Description: <b>Medic, Sport Pain Relief Stick 1 oz</b>	
Batch Number: <b>V0321055</b>	Expiration Date: <b>August 24, 2022</b>
Units Manufactured: <b>3,781</b>	Batch Size: <b>128.406 kgs</b>
Manufacture Date: <b>February 24, 2021</b>	

PARAMETER	TEST METHOD	SPECIFICATION	RESULT	PASS/FAIL
<b>IDENTIFICATION</b>				
Odor	Organoleptic Inspection	Strong Camphor and Menthol	Strong Camphor and Menthol Smell	<b>Pass</b>
Visual	Organoleptic Inspection	Off White to Slight Yellow Color	Off White Color	<b>Pass</b>
		Free of Foreign Material	Free of Foreign Material	<b>Pass</b>
		Opaque Gel Cream Stick	Opaque Gel Cream Stick	<b>Pass</b>
<b>CANNABINOIDS POTENCY</b>				
CBDVA	AOAC 2018.11/JAOAC Vol 98, Progressive GMP – Torrance, CA	As Reported	Not Detected	
CBDV		As Reported	Not Detected	
CBDA		NMT 0.3% (3 mg/g)	Not Detected	<b>Pass</b>
CBGA		As Reported	Not Detected	
CBG		As Reported	Not Detected	
CBD		NLT 20 mg/g (NLT 100 % of label claim)	24.81 mg/g	<b>Pass</b>
THCV		Not Detected	Not Detected	<b>Pass</b>
CBN		As Reported	Not Detected	
Delta-9 THC		Not Detected	Not Detected	<b>Pass</b>
THCA (THCA-A)		Not Detected	Not Detected	<b>Pass</b>
Total Delta-9 THC + THCA		Not Detected	Not Detected	<b>Pass</b>
CBC		As Reported	Not Detected	

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<b>THC</b>				
Total Delta-9 THC Per Container	Calculation	As Reported	Not Detected	Pass
Total Delta-9 THC Per Serving		As Reported	Not Detected	Pass
<b>FUNCTIONAL INGREDIENT</b>				
Menthol	USP or AOAC or equivalent, Progressive GMP – Torrance, CA	13 – 16% (90 – 110% of label claim)	14.2 %	Pass
Camphor		9 – 11% (90 – 110% of label claim)	9.6 %	Pass
<b>MICROBIOLOGY</b>				
Salmonella spp.	USP <62> (modified), Progressive GMP – Torrance, CA	Absent	Absent	Pass
Escherichia coli	USP <62> (modified), Progressive GMP – Torrance, CA	<10 CFU/g	Absent	Pass
Total Aerobic Plate Count	USP <61> (modified), Progressive GMP – Torrance, CA	<10 <sup>4</sup> CFU/g	<10 CFU/g	Pass
Total Yeast and Molds	USP <61> (modified), Progressive GMP – Torrance, CA	<10 <sup>3</sup> CFU/g	<10 CFU/g	Pass
Total Coliforms	USP <62> (modified), Progressive GMP – Torrance, CA	<10 <sup>2</sup> CFU/g	Absent	Pass
Pseudomonas aeruginosa	USP <62> (modified), Progressive GMP – Torrance, CA	<10 CFU/g	Absent	Pass
Staphylococcus aureus	USP <62> (modified), Progressive GMP – Torrance, CA	<10 <sup>2</sup> CFU/g	Absent	Pass
<b>HEAVY METALS</b>				
Arsenic	USP <233> Elemental Impurities, ICP-MS, Progressive GMP - Torrance, CA	NMT 1.5 µg/g	<0.1 µg/g	Pass
Cadmium		NMT 0.5 µg/g	<0.1 µg/g	Pass
Lead		NMT 0.5 µg/g	<0.1 µg/g	Pass
Mercury		NMT 3.0 µg/g	<0.1 µg/g	Pass
<b>CATEGORY I RESIDUAL SOLVENTS</b>				
1,2-Dichloroethane	USP <461>/ J Food Prot.	NMT 1.0 µg/g	<1.0 µg/g	Pass



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2018, Progressive GMP -  
Torrance, CA

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	<25.0 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

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PARAMETER	TEST METHOD	SPECIFICATION	RESULT	PASS/FAIL
<b>CATEGORY II RESIDUAL SOLVENTS</b>				
Acetone	USP <461>/ J Food Prot. 2018, Progressive GMP - Torrance, CA	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
<b>CATEGORY I RESIDUAL PESTICIDES</b>				
Aldicarb	AOAC 2007.01/CEN EN 15662, Progressive GMP - Torrance, CA	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

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<b>CATEGORY I RESIDUAL PESTICIDES</b>				
Fenoxycarb	AOAC 2007.01/CEN EN 15662, Progressive GMP - Torrance, CA	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
Methiocarb		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
PARAMETER	TEST METHOD	SPECIFICATIONS	RESULT	PASS/FAIL
<b>CATEGORY ii RESIDUAL PESTICIDES</b>				
Abamectin	AOAC 2007.01/CEN EN 15662, Progressive GMP - Torrance, CA	NMT 0.3 µg/g	<0.10 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

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<b>CATEGORY II RESIDUAL PESTICIDES</b>				
Cypermethrin	AOAC 2007.01/CEN EN 15662, Progressive GMP - Torrance, CA	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
Etoxazole		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
Fludioxonil		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	

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<b>CATEGORY II RESIDUAL PESTICIDES</b>				
Spinetoram	AOAC 2007.01/CEN EN 15662, Progressive GMP - Torrance, CA	NMT 3 µg/g	<0.10 µg/g	<b>Pass</b>
Spinosad		NMT 3 µg/g	<0.10 µg/g	<b>Pass</b>
Spiromesifen		NMT 12 µg/g	<0.10 µg/g	<b>Pass</b>
Spirotetramat		NMT 13 µg/g	<0.10 µg/g	<b>Pass</b>
Tebuconazole		NMT 2 µg/g	<0.10 µg/g	<b>Pass</b>
Thiamethoxam		NMT 4.5 µg/g	<0.10 µg/g	<b>Pass</b>
Trifloxystrobin		NMT 30 µg/g	<0.10 µg/g	<b>Pass</b>
PARAMETER	TEST METHOD	SPECIFICATION	RESULT	PASS/FAIL
<b>CATEGORY OTHER RESIDUAL PESTICIDES</b>				
Glyphosate	ECM for Glyphosate in Water - MRID 40881601, Progressive GMP – Torrance, CA	NMT 0.2 µg/g	<0.10 µg/g	<b>Pass</b>
Metolachlor	AOAC 2007.01/CEN EN 15662, Progressive GMP - Torrance, CA	NMT 0.3 µg/g	<0.10 µg/g	<b>Pass</b>
PARAMETER	TEST METHOD	SPECIFICATION	RESULT	PASS/FAIL
<b>MYCOTOXINS</b>				
Total of aflatoxin B1, B2, G1 and G2	AOAC-RI 050901, USDA/GIPSA 2018-113, Progressive GMP – Torrance, CA	NMT 20 µg/kg	<2.0 µg/kg	<b>Pass</b>
Ochratoxin A		NMT 20 µg/kg	<1.0 µg/kg	<b>Pass</b>

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**INGREDIENT LIST:**

COMPONENT	PART NUMBER	MANUFACTURER	LOT NUMBER
Menthol Crystals	1035	N/A	TLMC-200957
Natural Camphor	1077	N/A	GONPD0713X
3x MCT Hemp Oil	4099	N/A	V0621049

QUALITY APPROVAL		
Prepared By/ Date	Approved By/ Date	Status

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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