

Customer:
CBDfx

EA Sample ID: 24EA0627-006
Sample Name: Balm Stick- Muscle & Joint 750mg
Sample Type: Topical
Batch/Lot: BSM750-06/24
Reference #:

Date Received:
06/27/2024
Date Completed:
07/05/2024



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CERTIFICATE OF ANALYSIS

Summary of Results

<u>Analysis Type</u>	<u>SOP</u>	<u>Date Tested</u>	<u>Status</u>
Cannabinoids	EA-SOP-POTENCY	06/30/2024	Complete
Heavy Metals	EA-SOP-HM	07/02/2024	Pass
Microbials	EA-SOP-ARIA	07/03/2024	Pass
Mycotoxins	EA-SOP-MYCO	07/05/2024	Pass
Residual Solvents	EA-SOP-RES	07/04/2024	Pass
Pesticides	EA-SOP-PEST	07/05/2024	Pass



Unit Size (g): 66

POTENCY CANNABINOID PROFILE

Total THC THCA * 0.877 + D9-THC ND	Total CBD CBDA * 0.877 + CBD 774.68 mg/unit
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<u>Analyte</u>	<u>Result (mg/g)</u>	<u>mg/unit</u>	<u>w/w %</u>	<u>LOQ (ppm)</u>	<u>LOD (ppm)</u>
CANNABIDIVARIN (CBDV)	<LOQ	<LOQ	<LOQ	100	30
CANNABICHROMENE (CBC)	ND	ND	ND	100	30
CANNABIGEROL (CBG)	<LOQ	<LOQ	<LOQ	100	30
CANNABINOL (CBN)	ND	ND	ND	100	30
CANNABIDIOL (CBD)	11.74	774.68	1.17	100	30
CANNABIDIOLIC ACID (CBDA)	ND	ND	ND	100	30
Δ9-TETRAHYDROCANNABINOLIC ACID (THCA)	ND	ND	ND	100	30
Δ9-TETRAHYDROCANNABINOL (D9-THC)	ND	ND	ND	100	30
Δ8-TETRAHYDROCANNABINOL (D8-THC)	ND	ND	ND	100	30

NOTES:

ND = NOT DETECTED; LOD = LIMIT OF DETECTION; LOQ = LIMIT OF QUANTIFICATION

The cannabinoid potency reported above was analyzed via High Performance Liquid Chromatography (HPLC) using Variable Wavelength Detection (VWD).



Ethos Analytics Laboratory
3020 E Camelback Rd STE 397
Phoenix, AZ 85016
Info@Ethosanalytics.io
www.Ethosanalytics.io
Lic #: 000026LRCND60176649
ISO/IEC 17025 Acc #: 117798

Noel Samsum
Laboratory Director
5-Jul-2024

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Heavy Metal Analysis

<u>Analyte</u>	<u>Result (ppm)</u>	<u>LOQ (ppm)</u>	<u>LOD (ppm)</u>	<u>Limit (ppm)</u>	<u>Pass/Fail</u>
Arsenic	<LOD	0.010	0.005	1.5	Pass
Cadmium	<LOD	0.010	0.005	0.5	Pass
Lead	<LOD	0.010	0.005	0.5	Pass
Mercury	<LOD	0.010	0.005	3.0	Pass

Microbiological Analysis

<u>Microbe</u>	<u>Result</u>	<u>Limit</u>	<u>Pass/Fail</u>
Aspergillus Flavus	Negative/1g	Negative/1g	Pass
Aspergillus Fumigatus	Negative/1g	Negative/1g	Pass
Aspergillus Niger	Negative/1g	Negative/1g	Pass
Aspergillus Terreus	Negative/1g	Negative/1g	Pass
Escherichia Coli (E. Coli)	Negative/1g	Negative/1g	Pass
Salmonella	Negative/1g	Negative/1g	Pass
Yeast/Mold	Not Detected	-	Pass

NOTES:

CFU = Colony Forming Unit
NS = Not Specified
NT = Not Tested

LOQ = Limit of Quantification
LOD = Limit of Detection



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Mycotoxins

Analyte	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Pass/Fail
Aflatoxin B1	<LOD	3.0	9.0	-	-
Aflatoxin B2	<LOD	2.0	9.0	-	-
Aflatoxin G1	<LOD	3.0	9.0	-	-
Aflatoxin G2	<LOD	2.0	6.0	-	-
Ochratoxin A	<LOD	4.0	12.0	20	Pass
Total Aflatoxins	<LOD			20	Pass

Residual Solvent Analysis

Analyte	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Pass/Fail
1,2-Dichloro-Ethane	<LOD	0.10	0.30	1	Pass
Benzene	<LOD	0.03	0.10	1	Pass
Chloroform	<LOD	0.03	0.10	1	Pass
Ethylene Oxide	<LOD	0.20	0.60	1	Pass
Methylene-Chloride	<LOD	0.10	0.80	1	Pass
Trichloroethene	<LOD	0.03	0.20	1	Pass
Acetone	<LOD	1	60	5000	Pass
Acetonitrile	<LOD	1	5	410	Pass
Butane	<LOD	1	5	5000	Pass
Ethanol	<LOD	3	10	5000	Pass
Ethyl-Acetate	<LOD	1	5	5000	Pass
Ethyl-Ether	<LOD	1	5	5000	Pass
Heptane	<LOD	1	5	5000	Pass
n-Hexane	<LOD	1	5	290	Pass
Isopropanol	<LOD	1	5	5000	Pass
Methanol	<LOD	1	5	3000	Pass
Pentane	<LOD	2	5	5000	Pass
Propane	<LOD	5	10	5000	Pass
Toluene	<LOD	1	5	890	Pass
Xylenes	<LOD	1	5	2170	Pass



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Category 1 Pesticide Analysis

<u>Analyte</u>	<u>Result (ppm)</u>	<u>LOD (ppm)</u>	<u>LOQ (ppm)</u>	<u>Pass/Fail</u>
Aldicarb	<LOD	0.025	0.075	Pass
Carbofuran	<LOD	0.025	0.075	Pass
Chlordane	<LOD	0.025	0.075	Pass
Chlorfenapyr	<LOD	0.025	0.075	Pass
Chlorpyrifos	<LOD	0.025	0.075	Pass
Coumaphos	<LOD	0.025	0.075	Pass
Daminozide	<LOD	0.030	0.080	Pass
Dichlorvos	<LOD	0.025	0.075	Pass
Dimethoate	<LOD	0.025	0.075	Pass
Ethoprophos	<LOD	0.025	0.075	Pass
Etofenprox	<LOD	0.025	0.075	Pass
Fenoxycarb	<LOD	0.025	0.075	Pass
Fipronil	<LOD	0.025	0.075	Pass
Imazalil	<LOD	0.025	0.075	Pass
Methiocarb	<LOD	0.025	0.075	Pass
Mevinphos	<LOD	0.025	0.075	Pass
Paclobutrazol	<LOD	0.025	0.075	Pass
Parathion Methyl	<LOD	0.025	0.075	Pass
Propoxur	<LOD	0.025	0.075	Pass
Spiroxamine	<LOD	0.025	0.075	Pass
Thiacloprid	<LOD	0.025	0.075	Pass



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Category 2 Pesticide Analysis

Analyte	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Pass/Fail
Abamectin	<LOD	0.010	0.050	0.3	Pass
Acephate	<LOD	0.020	0.050	5	Pass
Acequinocyl	<LOD	0.020	0.075	4	Pass
Acetamiprid	<LOD	0.020	0.050	5	Pass
Azoxystrobin	<LOD	0.010	0.050	40	Pass
Bifenazate	<LOD	0.020	0.050	5	Pass
Bifenthrin	<LOD	0.020	0.050	0.5	Pass
Boscalid	<LOD	0.020	0.075	10	Pass
Captan	<LOD	0.150	0.400	5	Pass
Carbaryl	<LOD	0.020	0.050	0.5	Pass
Chlorantraniliprole	<LOD	0.025	0.075	40	Pass
Clofentezine	<LOD	0.020	0.050	0.5	Pass
Cyfluthrin	<LOD	0.020	0.075	1	Pass
Cypermethrin	<LOD	0.020	0.050	1	Pass
Diazinon	<LOD	0.010	0.050	0.2	Pass
Dimethomorph	<LOD	0.020	0.050	20	Pass
Etoxazole	<LOD	0.010	0.050	1.5	Pass
Fenhexamid	<LOD	0.020	0.050	10	Pass
Fenpyroximate	<LOD	0.010	0.050	2	Pass
Flonicamid	<LOD	0.030	0.090	2	Pass
Fludioxonil	<LOD	0.020	0.050	30	Pass
Hexythiazox	<LOD	0.030	0.090	2	Pass
Imidacloprid	<LOD	0.030	0.075	3	Pass



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Category 2 Pesticide Analysis Continued

Analyte	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Pass/Fail
Kresoxim Methyl	<LOD	0.020	0.050	1	Pass
Malathion	<LOD	0.020	0.050	5	Pass
Metalaxyl	<LOD	0.010	0.050	15	Pass
Methomyl	<LOD	0.020	0.050	0.1	Pass
Myclobutanil	<LOD	0.020	0.075	9	Pass
Naled	<LOD	0.020	0.075	0.5	Pass
Oxamyl	<LOD	0.020	0.050	0.3	Pass
Pentachloronitrobenzene	<LOD	0.020	0.075	0.2	Pass
Permethrin	<LOD	0.010	0.050	20	Pass
Phosmet	<LOD	0.020	0.050	0.2	Pass
Piperonyl Butoxide	<LOD	0.010	0.050	8	Pass
Prallethrin	<LOD	0.025	0.075	0.4	Pass
Propiconazole	<LOD	0.020	0.075	20	Pass
Pyrethrins	<LOD	0.010	0.050	1	Pass
Pyridaben	<LOD	0.020	0.050	3	Pass
Spinetoram	<LOD	0.010	0.050	3	Pass
Spinosad	<LOD	0.010	0.050	3	Pass
Spiromesifen	<LOD	0.020	0.050	12	Pass
Spirotetramat	<LOD	0.020	0.050	13	Pass
Tebuconazole	<LOD	0.020	0.050	2	Pass
Thiamethoxam	<LOD	0.020	0.075	4.5	Pass
Trifloxystrobin	<LOD	0.010	0.050	30	Pass



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