

Customer:  
CBDfx  
19851 Nordhoff Pl  
Chatsworth, CA 91311  
+1 888-991-7471

EA Sample ID: 23EA0505-003  
Sample Name: Creams - Muscle & Joint 3000mg  
Sample Type: Topical  
Batch/Lot: CM3000-1902  
Reference #:

Date Received:  
05/05/2023  
Date Completed:  
05/11/2023



ETHOS  
ANALYTICS

# CERTIFICATE OF ANALYSIS

## Summary of Results

<u>Analysis Type</u>	<u>SOP</u>	<u>Date Tested</u>	<u>Status</u>
Cannabinoids	EA-SOP-POTENCY	05/06/2023	Complete
Heavy Metals	EA-SOP-HM	05/08/2023	Pass
Microbials	EA-SOP-ARIA	05/09/2023	Pass
Mycotoxins	EA-SOP-MYCO	05/11/2023	Pass
Residual Solvents	EA-SOP-RES	05/11/2023	Pass
Pesticides	EA-SOP-PEST	05/11/2023	Pass



Unit Size (g): 48.2

## POTENCY CANNABINOID PROFILE

Total THC THCA * 0.877 + D9-THC	Total CBD CBDA * 0.877 + CBD
<b>ND</b>	<b>3589.74 mg/unit</b>

<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)	0.32	15.62	0.03	100	30
CANNABICHROMENE (CBC)	ND	ND	ND	100	30
CANNABIGEROL (CBG)	0.67	32.32	0.07	100	30
CANNABINOL (CBN)	ND	ND	ND	100	30
CANNABIDIOL (CBD)	74.48	3589.74	7.45	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  
11-May-2023

The sample analyzed was inspected and is free from visual mold, mildew, and foreign matter. The testing procedures, equipment calibration, and maintenance are all in accordance with ISO/IEC 17025:2017 standards. The presented report is only applicable to the sample specified above and may not be applied to any similar or identical products. Reports are prohibited from being reproduced with alterations of any kind.

Customer:  
CBDfx  
19851 Nordhoff Pl  
Chatsworth, CA 91311  
+1 888-991-7471

EA Sample ID: 23EA0505-003  
Sample Name: Creams - Muscle & Joint 3000mg  
Sample Type: Topical  
Batch/Lot: CM3000-1902  
Reference #:

Date Received:  
05/05/2023  
Date Completed:  
05/11/2023



ETHOS  
ANALYTICS

# CERTIFICATE OF ANALYSIS

## Heavy Metal Analysis

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

## Microbiological Analysis

Microbe	Result	Limit	Pass/Fail
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



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  
11-May-2023

The sample analyzed was inspected and is free from visual mold, mildew, and foreign matter. The testing procedures, equipment calibration, and maintenance are all in accordance with ISO/IEC 17025:2017 standards. The presented report is only applicable to the sample specified above and may not be applied to any similar or identical products. Reports are prohibited from being reproduced with alterations of any kind.

Customer:  
CBDfx  
19851 Nordhoff Pl  
Chatsworth, CA 91311  
+1 888-991-7471

EA Sample ID: 23EA0505-003  
Sample Name: Creams - Muscle & Joint 3000mg  
Sample Type: Topical  
Batch/Lot: CM3000-1902  
Reference #:

Date Received:  
05/05/2023  
Date Completed:  
05/11/2023



ETHOS  
ANALYTICS

# CERTIFICATE OF ANALYSIS

## 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



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  
11-May-2023

The sample analyzed was inspected and is free from visual mold, mildew, and foreign matter. The testing procedures, equipment calibration, and maintenance are all in accordance with ISO/IEC 17025:2017 standards. The presented report is only applicable to the sample specified above and may not be applied to any similar or identical products. Reports are prohibited from being reproduced with alterations of any kind.

Customer:  
CBDfx  
19851 Nordhoff Pl  
Chatsworth, CA 91311  
+1 888-991-7471

EA Sample ID: 23EA0505-003  
Sample Name: Creams - Muscle & Joint 3000mg  
Sample Type: Topical  
Batch/Lot: CM3000-1902  
Reference #:

Date Received:  
05/05/2023  
Date Completed:  
05/11/2023



ETHOS  
ANALYTICS

# CERTIFICATE OF ANALYSIS

## Category 1 Pesticide Analysis

Analyte	Result (ppm)	LOD (ppm)	LOQ (ppm)	Pass/Fail
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



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  
11-May-2023

The sample analyzed was inspected and is free from visual mold, mildew, and foreign matter. The testing procedures, equipment calibration, and maintenance are all in accordance with ISO/IEC 17025:2017 standards. The presented report is only applicable to the sample specified above and may not be applied to any similar or identical products. Reports are prohibited from being reproduced with alterations of any kind.

Customer:  
CBDfx  
19851 Nordhoff Pl  
Chatsworth, CA 91311  
+1 888-991-7471

EA Sample ID: 23EA0505-003  
Sample Name: Creams - Muscle & Joint 3000mg  
Sample Type: Topical  
Batch/Lot: CM3000-1902  
Reference #:

Date Received:  
05/05/2023  
Date Completed:  
05/11/2023



ETHOS  
ANALYTICS

# CERTIFICATE OF ANALYSIS

## 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



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  
11-May-2023

The sample analyzed was inspected and is free from visual mold, mildew, and foreign matter. The testing procedures, equipment calibration, and maintenance are all in accordance with ISO/IEC 17025:2017 standards. The presented report is only applicable to the sample specified above and may not be applied to any similar or identical products. Reports are prohibited from being reproduced with alterations of any kind.

Customer:  
CBDfx  
19851 Nordhoff Pl  
Chatsworth, CA 91311  
+1 888-991-7471

EA Sample ID: 23EA0505-003  
Sample Name: Creams - Muscle & Joint 3000mg  
Sample Type: Topical  
Batch/Lot: CM3000-1902  
Reference #:

Date Received:  
05/05/2023  
Date Completed:  
05/11/2023



ETHOS  
ANALYTICS

# CERTIFICATE OF ANALYSIS

## 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



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  
11-May-2023

The sample analyzed was inspected and is free from visual mold, mildew, and foreign matter. The testing procedures, equipment calibration, and maintenance are all in accordance with ISO/IEC 17025:2017 standards. The presented report is only applicable to the sample specified above and may not be applied to any similar or identical products. Reports are prohibited from being reproduced with alterations of any kind.