jorùs

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	CBD Body Oil 300 mg
Product Type:	Cosmetics
CAS #:	-
Batch Number:	BBO-20
Manufacture Date:	12/16/2021

Sample Information

Sample Number:	BBO-20
Sample Received:	12/16/2021
Sample Condition:	Suitable
Start of Analysis:	12/16/2021
Report Created:	12/16/2021

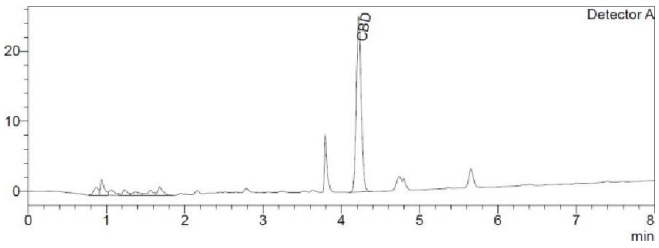
SUMMARY

TOTAL CBD* 1.585 **TOTAL THC*** ND

Quantitative Results

Compound Name	Concentration, w/w %
CBDV - Cannabidivarin	ND
CBDA - Cannabidiolic acid	ND
CBGA - Cannabigerolic acid	ND
CBG - Cannabigerol	ND
CBD - Cannabidiol	1.585
THCV - Tetrahydrocannabivarin	ND
CBN - Cannabinol	ND
CBC - Cannabichromene	ND
THC - Δ8-Tetrahydrocannabinol	ND
THC - Δ9-Tetrahydrocannabinol	ND
THCA - Δ9-Tetrahydrocannabiolic acid	ND
CBL - Cannabicyclol	ND
CBDVA - Cannabidivarinic acid	ND
CBDB - Cannabidibutol	ND

Chromatogram



Units and abbreviations: **w/w %** = weight percent, **ND** = the measured value was below of 0.001 %

*For the calculations of the equivalence sums, the respective acid forms were multiplied by the factor of 0.877 and 0.878, respectively, to infer the equivalent amount of the neutral forms.

Equipment: Quantitative analysis was performed using Shimadzu Cannabis Analyzer for Potency - an integrated HPLC system with built-in sample cooler, degasser, autoinjector and UV detector. NexLeaf CBX for potency, 2.7 µm, 4.6 x 150 mm column coupled with NexLeaf CBXGuard column was eluted. Data was analyzed using Shimadzu LabSolutions software.

The results within this report apply only to the product tested and batched under the batch number identified above. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. These test results are for the exclusive use of the above named individual or entity. The document does not substitute any other legal document.

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RESIDUAL SOLVENTS*

Element Name	LOQ, PPM	Limit, PPM	Results of Testing	Status
Isopropyl acetate	50	500	<LOQ	Pass
Butyl acetate	50	500	<LOQ	Pass
1-Butanol	50	500	<LOQ	Pass
2-Butanol	50	500	<LOQ	Pass
Ethanol	50	500	<LOQ	Pass
Methyl acetate	50	500	<LOQ	Pass
Diethyl ether	50	500	<LOQ	Pass
n-Heptane	50	500	<LOQ	Pass
Isobutanol	50	500	<LOQ	Pass
1-Propanol	50	500	<LOQ	Pass
Dimethyl sulfoxide	50	500	<LOQ	Pass
Propyl acetate	50	500	<LOQ	Pass
n-Pentane	50	500	<LOQ	Pass
1-Pentanol	50	500	<LOQ	Pass

Units and abbreviations: **LOQ** = limit of quantification, **PPM** = parts per million

* Analysis performed on *Cannabis Sativa* raw material

Instrumental and analytical conditions:

Sample preparation: 0.05 g (±0.00001) of homogenous sample was weighted in GC 20 ml vial.
Equipment: Quantitative analysis was performed using Shimadzu GC system which consists of HS sampler, gas chromatograph and FID detector. Capillary column used for analysis - Rxi-624Sil Ms, 30 m x 0.32 mmID x 1.8 µm df. Hydrogen was used as carrier gas Data was analyzed using Shimadzu LabSolutions software.

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HEAVY METALS *

Parameter	Method	LOQ	Unit	Results of Testing	Status
Cadmium (Cd)	PN-EN 15763:2010	0.001	mg/kg	<0.001	Pass
Lead (Pb)	PN-EN 15763:2010	0.01	mg/kg	<0.01	Pass
Arsenic (As)	PN-EN 15763:2010	0.01	mg/kg	<0.01	Pass
Mercury (Hg)	PN-EN 15763:2010	0.001	mg/kg	<0.001	Pass

Units and abbreviations: **LOQ** = limit of quantification.

MYCOTOXINS *

Parameter	Method	LOQ	Limit	Results of Testing	Status
Aflatoxin B1 µg/kg	PN-EN 14123:2008	1	8	<1.0	Pass
Aflatoxin (sum of B1 + B2 + G1 + G2) µg/kg	PN-EN 14123:2008	1	8	<1.0	Pass

Units and abbreviations: LOQ = limit of quantification.

MICROBIALS *

Parameter	Method	Limit	Results of Testing	Status
Yeasts CFU/g	PN-ISO 21527-2:2009	<10	<10	Pass
Moulds CFU/g	PN-ISO 21527-2:2009	<10	<10	Pass
Salmonella spp.	PN-EN ISO 6579-1:2017-04	ND	ND	Pass
B. Cereus CFU/g	PN-EN ISO 7932:2005	<10	<10	Pass
Mesophylic aerobic bacteria CFU/g	PN-EN ISO 4833-1:2013-12	<10	<10	Pass
Coagulase-positive staphylococci CFU/g	PN-EN ISO 6888-3:2004 + AC:2005	ND	ND	Pass

Units and abbreviations: **CFU** = Colony-forming unit, **ND** = not detected

* Analysis performed on *Cannabis Sativa* raw material in third party laboratory

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PESTICIDES *

Name	Method	Results of Testing	Status
Full list below	LMBG-00.00-34:1999 (DFG S19) except section E9	All below limit	Pass

* Analysis performed on *Cannabis Sativa* raw material in third party laboratory

ORGANOCHLORINE PESTICIDES

Aldrin; HCH alpha isomer; Chlordane, cis; HCH beta isomer; Chlordane, trans; HCH delta isomer; Chlorfenson; Heptachlor; Chlorothalonil; Heptachlor epoxide, cis; DDD-o,p'; Heptachlor epoxide, trans; DDD-p,p'; Hexachlorobenzene (HCB); DDE-o,p'; Isodrin; DDE-p,p'; Lindane (HCH gamma isomer); DDT-o,p'; Methoxychlor; DDT-p,p'; Metolachlor; Dicofol; Mirex; Dieldrin; Oxychlordane (Octachlorepoxide); Endosulfan alpha isomer; Pentachloroaniline; Endosulfan beta isomer; Quintozene; Endosulfan sulphate; Tecnazene; Endrin; Vinclozolin; Fenson.

ORGANOPHOSPHORUS PESTICIDES

Azinphos-ethyl; Methacrifos; Azinphos-methyl; Methamidophos; Bromophos; Methidathion; Bromophos-ethyl; Mevinphos; Carbophenothion; Omethoate; Chlorfenvinphos; Paraoxon-methyl; Chlorpyrifos; Parathion; Chlorpyrifos-methyl; Parathion-methyl; Diazinon; Phenthoate; Dichlofenthion; Phorate; Dichlorvos (DDVP); Phosalone; Ethion; Phosmet; Etrimfos; Phosphamidon (sum of isomers); Fenchlorphos; Pirimiphos-ethyl; Fenitrothion; Pirimiphos-methyl; Fensulfothion; Profenofos; Fenthion; Propetamphos; Fonofos; Pyrazophos; Heptenophos; Pyridaphenthion; Isofenphos; Quinalphos; Malaoxon; Sulfotep; Malathion; Thiometon; Mecarbam.

PYRETHROIDS

Bifenthrin; Fluvalinate-tau; Cypermethrin (sum of isomers); Permethrin (sum of isomers); Fenvalerate (sum of isomers); Tetramethrin (sum of isomers).

OTHER PESTICIDES

Captan; Procymidone; Dichlofluanid; Propachlor; Folpet; Propiconazole (sum of isomers); Metalaxyl and Metalaxyl-M (sum of isomers); Propyzamide; Metribuzin; Simazine; Myclobutanile; Terbuthylazine; Nuarimol; Tetrasul; Penconazole; Trifluralin; Pirimicarb.

Approve Date: 12/16/2021

Approved electronically, valid without a signature

BY QUALITY CONTROL MANAGER