

Awarded to

The management system of

Name of the company hidden

Has been assessed and conforms to the Good Manufacturing Practices set out in C.02.001 Division 2 of the *Food and Drug Regulations*



Certificate No. private

Date of Issuance: Jan 19, 2019 1st Surveillance Date: Jan 18, 2020

2nd Surveillance Date: Jan 19, 2021 Date of Reissuance: Jan 18, 2021



This certificate reflects the status of the manufacturing site at the time of the inspection noted above and should not be relied upon to reflect the compliance status if more than one year have elapsed since the date of that issuance. However, this period of validity may be reduced or extended using regulatory risk management principles by an entry in the Restrictions or Clarifying remarks field. This certificate is valid only when presented with all pages. The authenticity of this certificate may be verified by contacting the issuing company.

Manufacture of substance. Names of substances subject to inspection:

CANNABIDIOL

MANUFACTURING OPERATIONS

Substance: CANNABIDIOL

Extraction of Active Substance from Natural Sources

- Extraction of substance from plant source
- 2. Purification of extracted substance

General Finishing Steps

- Physical processing steps : Washing and recrystallization
- 4. Primary Packaging (enclosing / sealing the active substance within a packaging material which is in direct contact with the substance)
- 5. Secondary Packaging (placing the sealed primary package within an outer packaging material or container. This also includes any labelling of the material which could be used for identification or traceability (lot numbering) of the active substance)

Quality Control Testing

- 6. Physical / Chemical testing
- 7. Microbiological testing excluding sterility testing



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Analysenzertifikat Cannabinoide

Bezeichnung: CBD Isolate GMP

SAS Jeannette

Probenmaterial: Isolat Geerntet am: 30.01.2021

Probeneingang am 02.02.2021 um 12:19

Kürzel	Substanz	Ergebnis	Einheit	M.U.*
P-GEW	Gewicht der eingelangten Probe	2,486	g	-
T-CBD	Summe Cannabidiol (CBD + CBDA)	> 98,00	w/w %	5,050
CBD	Cannabidiol	> 98,00	w/w %	5,050
CBDA	Cannabidiol-Carboxylsäure	ND**	w/w %	
T-THC	Summe Tetrahydrocannabinol (THC + THCA)	ND**	w/w %	-
D9THC	D9-Tetrahydrocannabinol	ND**	w/w %	-
THCA	Tetrahydrocannabinol-Carboxylsäure	ND**	w/w %	-
D8THC	D8-Tetrahydrocannabinol	ND**	w/w %	-
T-CBG	Summe Cannabigerol (CBG + CBGA)	ND**	w/w %	_
CBG	Cannabigerol	ND**	w/w %	-
CBGA	Cannabigerol-Carboxylsäure	ND**	w/w %	-
CBN	Cannabinol	ND**	w/w %	-
CBC	Cannabichromen	ND**	w/w %	-
THCV	Tetrahydrocannabivarin	ND**	w/w %	-
CBDV	Cannabidivarin	0,11	w/w %	0,005
CBDVA	Cannabidivarin-Carboxylsäure	ND**	w/w %	

Bild der eingelangten Probe:



verantwortlich für die Analytik:

Ing. Christian Fuczik, Chemiker

Analyse abgeschlossen und technisch validiert: 04.02.2021 um 12:13

**) ND = nicht detektierbar. Der Messwert lag unter der Bestimmungsgrenze von 0,01 % bzw. 100 mg/kg.

Für die Berechnungen der Äquivalenzsummen wurden die jeweiligen Säureformen mit dem Faktor 0,877 bzw. 0,878 multipliziert, um auf

die äquivalente Menge der neutralen Form zu schließen
Analysenmethode: HPLC-DAD (High Performance Liquid Chromatography - Dioden Array Detektor). Alle Messmethoden wurden mit
zertifizierten Referenzmaterialien (CRM) kalibriert und kontrolliert. Die Messungen wurden streng nach der in der USA zertifizierten Methode des HPLC-Herstellers durchgeführt.

Dieses Analysenzertifikat darf nur als Ganzes und nicht in Teilen wiedergegeben werden. Jedwede Änderung ist nach § 223 StGB (Urkundenfälschung) strafbar.



SAFETY DATA SHEET

Section No. 1 Identification of the substance and of the company/undertaking

 INCI
 Cannabidiol

 CAS No.
 89958-21-4

 EC No.
 289-644-3

 Index No.
 N/A

 RTECS No.
 N/A

 HS Code
 3302 10

EU cosing claims Antioxydant, Anti-séborroeic, skin conditioning, skin protecting

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses Cosmetics, foods.

Uses advised against Not for use by end users.

1.3. Details of the supplier of the s afety data sheet

Name Jeannette SAS

Address 203 route des camoins

13011 Marseille

France

Telephone 0972640018

Email contact@mariejeanne-cbd.com

1.4. Emergency telephone number

For Europe 112

Other Please contact national toxicological centre or emergency

Section No. 2 Hazards Identification

2.1. Classification of the substance

GHS Hazards Classification according to EU Regulation (EC) No 1272/2008 and US OSHA 1910.1200.

Acute Toxicity – Oral, Category 4 Acute Toxicity – Inhalation, Category 4 Reproductive Toxicity – Category 2

Hazardous to aquatic environment - Chronic Category 4

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008



Pictogram



Signal word

Warning.

Hazard statement(s)

H302: Harmful if swallowed H315: Causes skin irritation.

H319: Causes serious eye irritation.

H361: Suspected of damaging fertility or the unborn child

Precautionary statement(s)

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P281 Use personal protective equipment as required.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/... if you feel unwell.

P308 + P313 IF exposed or concerned: get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents/container to in accordance with local, regional, national, territorial, provincial, and

international regulations.

Supplement Hazard Statements

No information available.

2.3. Other hazards

The substance does not meet the criteria for PBT or vPvB substances in accordance with Annex XIII of Regulation (EC) No 1907/2006

Section No. 3 Composition / Information on Ingredients

3.1. Substances

Component 2-[(1R,6R)-3-methyl-6-prop-1-en-2-ylcyclohex-2-en-1-yl]-5-pentylbenzene-1,3-diol

 $\begin{array}{lll} \text{Purity} & 98.1 \% \\ \text{Formula} & C_{21}\text{H}_{30}\text{O}_{2} \\ \text{Molecular Weight} & 314.5 \text{ g/mol} \\ \text{CAS No.} & 13956-29-1 \\ \text{Hazardous impurities} & \text{None} \end{array}$

Hazardous impurities None Stabilizers None



Section No. 4 First Aid Measures

4.1. Description of first aid measure

General information: Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled: Move person to fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact: Wash affected area with soap and water. Consult a physician if any exposure symptoms are

observed.

In case of eye contact: Immediately rinse eyes with plenty of water for at least 15 minutes. Consult a physician.

Remove contact lenses.

If eye irritation persists, consult a specialist.

If swallowed: Rinse mouth with plenty of water.

Drink plenty of water.

Do NOT induce vomiting unless advised to do so by a physician or Poison Control Centre.

Self-protection: If needed protect yourself with air filtering face mask.

Take off contaminated clothes after first aid and take a shower with a plenty of water to fully

remove contaminants.

4.2. Most important symptoms and effects, both acute and delayed

Eye contact May be irritation, itching, redness, and tears.

Inhalation Cough and/or shortness of breath.

If small amount ingested there may be irritation. In case of large amounts ingestion there may

irritation of the throat, nausea, or vomiting,

Skin contact Slight irritation of affected areas possible after long-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

Section No. 5 Fire and Explosion Data

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide, foam, alcohol-resistant foam, dry chemical, sprayed water or water mist.

5.2. Special hazards arising from the substance or mixture

Carbon monoxide (CO) and carbon dioxide (CO₂)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and full protective suit for firefighting if necessary.

5.4. Additional information

No data available.

Section No. 6 Accidental Release Measures

6.1. Personal precautions, protective equipment, and emergency procedures

For non-emergency personnel:

Wear light protective suit, gloves, and air filtering breathing mask.

For emergency responders:

- Protective equipment – wear respirator or breathing apparatus, protective suit, rubber boots and gloves as well as protective goggles.

6.2. Environmental precautions

Prevent further leakage or spillage of the substance. Take precautionary steps to avoid release of the substance into the environment. Inform respective authorities in case of seepage into sewage system or waterways.

6.3. Methods and materials for containment and cleaning up

Spilled product must be contained in suitable, closed containers for disposal (see Section 13). Absorb spill with non-combustible matter (such as detergent—do not use solvents) and transfer to container.

In case of large-scale product spillage inform the Fire Department and the Environmental Department of the Municipal Authority.

6.4. Reference to other sections

See section 7 for information on safe handling.

See section 8 for information on a personal protection equipment

See section 13 for information on disposal.

Section No. 7 Handling and Storage

7.1. Precautions for safe handling

- Avoid contact with eyes and skin.
- Avoid formation of aerosols.
- Provide appropriate ventilation at places where dust is formed.
- Normal measures for preventive fire protection.
- Do not eat, drink, or smoke in areas where the substance is being handled.
- After work with the substance wash your hands and other open skin areas with water and liquid soap.
- Contaminated clothes or other protective gowning must be taken off prior entering other areas, where product was not handled.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed and protected from light in a dry, cool, and well-ventilated area.

The substance should be stored in areas protected from ignition source or open fire to prevent fire.

Recommendations for packaging: glass, polyethylene (PE), polypropylene (PP), polyamide (PA), polytetrafluoroethylene (PTFE), ceramics, stainless steel (SS) containers with tight seals. All packaging materials should be food grade for the purposes indicated in section 1.2.

Materials to be avoided: Substance must be protected from possible contact with strong basis and acids.

7.3. Specific end user(s)

For the identified use(s) referred to in subsection 1.2: store the substance separately from toxic substances or mixtures.

Section No. 8 Exposure Controls / Personal Protection

8.1. Control parameters

Contains no components with established occupational exposure limits.

8.2. Exposure control

Appropriate engineering controls

A laboratory fume hood or any other appropriate form of local exhaust ventilation shall be used to avoid exposure.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves must satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection

Protective work clothing against chemicals, the type of protective equipment must be selected according to the concentration and amount of the substance at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or EU EN 143 or EU EN 149, particle filtering breathing mask type FFP2 or FFP3, or type ABEK- P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Environmental exposure controls

Do not let product enter drains.

Section No. 9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance Solid

Color White powder

Odour No
Odour threshold Odorless

pH No data available

Melting point / freezing point 60°C Initial boiling point / range 135°C Flash point 200°C

Evaporation rateNo data availableFlammability (solid, gas)No data availableUpper explosion limitNo data availableLower explosion limitNo data availableVapour pressure 0.0 ± 1.6 mbarVapour densityNo data availableRelative densityNo data available

Water solubility

No data available

Not soluble

Auto-ignition temperature

No data available

Pecomposition temperature

>250°C

Viscosity

Explosive properties
Oxidizing properties

No data available

No data available

No data available

9.2. Other safety information

No data available

Section No. 10 Stability and Reactivity Data

10.1. Reactivity

Reactive to strong oxidising agents

10.2. Chemical stability

Stable in tightly closed container under normal storage (room temperature) and handling conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Heat, flames and sparks, sunlight.

10.5. Incompatible materials

Strong oxidising agents.

10.6. Hazardous decompositions products

Carbon monoxide and carbon dioxide



Section No. 11 Toxicological Information

11.1. Information on toxicological effects

Acute toxicity No data available.

Skin corrosion / irritation Based on practical experience substance does not cause corrosive

or irritating effects on skin.

Serious eye damage / irritation The substance does not cause serious eye damage or irritation.

Respiratory or skin sensitisation Based on practical experience the substance does not cause

sensitisation to the skin or the respiratory tract.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity According to results of animal trials substance exerts effects of

reproductive toxicity. 1,2,3

Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure

Specific target organ toxicity - repeated exposure
Aspiration hazard
Additional information

No data available.

No data available.

No data available.

No data available.

Section No. 12 Ecological Information

12.1. Toxicity	No data available	
12.2. Persistence and degradability	No data available	
12.3. Bio-accumulative potential	No data available	
12.4. Mobility in soil	No data available	
2.5. Results of PBT and vPvB assessment Not applicable		
	D: 1 (() 1:	

12.6. Other adverse effectsDischarge of material into the environment (water, soil etc.) must be

avoided.

Section No. 13 Disposal Considerations

13.1 Waste treatment methods

Product Do not discard unused product /substance into drainage system.

Product/substance cannot be discarded along with municipal waste.

Contact licensed professional waste disposal service.

Dissolve or mix the material with a combustible solvent and burn in a chemical

incinerator equipped with an afterburner and scrubber.

Contaminated packaging Empty and well cleaned containers should be taken to an approved waste

handling site for Recycling or disposal.

Well cleaned containers may be submitted for recycling.



¹ Carvalho, R.K. et al. (2018).

² Dalterio et al. (1984, 1986).

³ Valim Brigante, T.A., et al. (2018)

Section No. 14 Transport Information	
14.1. UN Number	
ADR/RID	None
IMDG	None
IATA	None
14.2. UN Proper shipping name	
ADR/RID	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods
14.3. Transport hazard class	
ADR/RID	N/A
IMDG	N/A
IATA	N/A
14.4. Packaging group	
ADR/RID	N/A
IMDG	N/A
IATA	N/A
14.5. Environmental hazards	
ADR/RID	Not regulated
IMDG	Not regulated
IATA	Not regulated
14.6. Special precautions for user	Substance should be transported in well-enclosed containers, protected from the light and heat at the time of transportation. Temperature shall not exceed 25°C.
14.7. Transport in bulk according to Annex II of MARPOL 73/78	Not applicable.

Section No. 15 Regulatory Information

and the IBC Code

15.1. Safety, health, and environmental regulations/legislation specific for the substance or mixture

Regulation (EU) 649/2012 concerning the export and import of hazardous chemicals is not applicable.

15.2. Chemical Safety Assessment

For this product, a chemical safety assessment was not carried out.

Section No. 16 Other Information				
16.1. Change Log				
Version 01.00, 18 May 2020	Creation date			
Version 02.00, 26 May 2020	Correction in section 1.2.			
Version 03.00, 08 June 2020	Updated and specified information in sections 1.1, 1.2, 3.1, 11.1 and 14.			
Version 04.00, 14 September 2020	Updated product name.			

16.2. Abbreviations and definitions

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

CAS Chemical Abstracts Service

EN European Norm
EU European Union

IATA-DGR International Air Transport Association - Dangerous Goods Regulations

IBC Code International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals

ICAO-TI International Civil Aviation Organization - Technical Instructions

IMDG International Maritime Code for Dangerous Goods

MARPOL Maritime Pollution Convention

PBT Persistent. Bio accumulative, and Toxic

REACH Registration, Evaluation, and Authorisation of Chemicals RID Agreement on the Transport of Dangerous Goods by Rail

UN United Nations, or: four-digit identification number of the substance or article taken from the

UN Model Regulations

vPvB very Persistent and very Bio accumulative

16.3. List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements

Hazard statement(s)

H302: Harmful if swallowed H315: Causes skin irritation.

H319: Causes serious eve irritation.

H361: Suspected of damaging fertility or the unborn child

Precautionary statement(s)

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P281 Use personal protective equipment as required.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/... if you feel unwell.

P308 + P313 IF exposed or concerned: get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents/container to in accordance with local, regional, national, territorial, provincial, and

international regulations.

16.5. Statement / Disclaimer

The purpose of information provided in the material safety data sheet is to ensure occupational health protection and safety, as well as environmental protection. All information provided in this material safety sheet to our best knowledge is believed to be accurate and representing current regulatory requirements. The above information was acquired by diligent search and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.