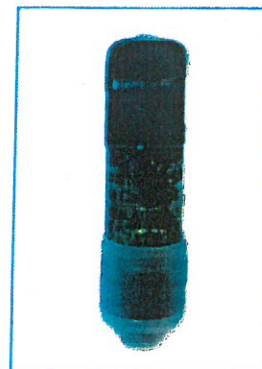


CERTIFICATE OF ANALYSIS

Product Name: CannaCrafters SLEEP - THC 800 mg Vape Cartridge 1mL
 Product Code: FG-CH-015.01
 Product Category: Extract - Inhalation
 Potency: Δ^9 -Tetrahydrocannabinol Approx. 800 mg /g
 Botanical Origin: Cannabis Indica /Sativa Hybrid
 Manufactured by: Verve Dynamics (Pty) Ltd
 Licence Number: 0000001463-1
 Production Date: 24/11/2025
 Expiration Date: 12/2027
 Batch Number: 3468/1125
 Country of Origin: South Africa
 Harvesting Protocol: GAP

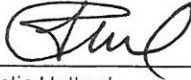


PARAMETER	SPECIFICATION	METHOD	RESULT
Product Identification			
Appearance:	Clear Amorphous Resin	VDSA-PMF-CV-015.01	Complies /Pass
Colour:	Golden to Light Yellow	VDSA-PMF-CV-015.01	Complies /Pass
Chromatographic Procedure (A):	Retention time /Zonal Pattern (TLC)	Ph. Eur. 2.8.25.	Complies /Pass
Chromatographic Procedure (B):	Retention time /UV Match Factor (HPLC)	Ph. Eur. 2.2.29.	Complies /Pass
Primary Packaging /Device			
Container:	1 mL Inspire™ X10 /510 Vaporiser Cartridge	Visual	Complies /Pass
Purity Active Ingredients			
Δ^9 -Tetrahydrocannabinol (THC):	720 - 880 mg /g	Ph. Eur. 2.2.29.	Complies /Pass
Cannabidiol (CBD):	40 - 60 mg /g	Ph. Eur. 2.2.29.	Complies /Pass
Cannabinol (CBN):	≤ 50 mg /g	Ph. Eur. 2.2.29.	Complies /Pass
Residual Limits			
Class 3 Solvents:	≤ 5000 ppm [Ethanol]	Ph. Eur. 2.4.24.	Complies /Pass*
Pesticides Residue:	≤ 10 ppb Multi Screen Class 1	Ph. Eur. 2.8.13.	Complies /Pass*
Heavy Metals			
Lead (Pb):	≤ 5.0 ppm	Ph. Eur. 2.4.27.	Complies /Pass*
Cadmium (Cd):	≤ 0.5 ppm	Ph. Eur. 2.4.27.	Complies /Pass*
Mercury (Hg):	≤ 0.1 ppm	Ph. Eur. 2.4.27.	Complies /Pass*
Arsenic (As):	≤ 3.0 ppm	Ph. Eur. 2.4.27.	Complies /Pass*
Mycotoxins			
Aflatoxin B1:	≤ 2 µg /kg	Ph. Eur. 2.8.18.	Complies /Pass*
Total Aflatoxins B1+ B2+ G1+ G2:	≤ 4 µg /kg	Ph. Eur. 2.8.18.	Complies /Pass*
Ochratoxin A:	≤ 20 µg /kg	Ph. Eur. 2.8.22.	Complies /Pass*
Microbials			
Total Aerobic Count (TAMC):	≤ 200 cfu /g or mL	Ph. Eur. 5.1.4.	Complies /Pass*
Total Yeast & Mould Count (TYMC):	≤ 20 cfu /g or mL	Ph. Eur. 5.1.4.	Complies /Pass*
Bile-tolerant gram-negative bacteria:	Absent in 1 g or mL	Ph. Eur. 5.1.4.	Complies /Pass*
Staphylococcus aureus:	Absent in 1 g or mL	Ph. Eur. 5.1.4.	Complies /Pass*
Pseudomonas aeruginosa:	Absent in 1 g or mL	Ph. Eur. 5.1.4.	Complies /Pass*
Product Irradiated: YES ☐ NO ☒	Gamma 4 – 8 kGy	VDSA-PMF-CH-015.01	Not Applicable
Storage and Handling: Sealed airtight container protected from light. Cool and dry conditions 15 - 25 °C.			
TSE /BSE Statement: We declare that all the products manufactured by Verve Dynamics Ltd are produced without using raw materials of animal or human origin and are therefore free from human and any other animal sources. As such, all products are free of Transmissible Spongiform Encephalopathy (TSE).			

Note: Herbal starting material produced in accordance with Good Agricultural Practices.

* Results are based on CoA of Raw Material from supplier.


 Bernice Ackerman
 Responsible Pharmacist (Deputy)


 Leslie Holland
 Quality Manager

Date: 05/12/2025

Date: 05/12/2025

This information is believed to be current and correct but is provided without any warranty expressed or implied.

Safety Data Sheet

SLEEP – 1 g THC Vape Cartridge

SECTION 1: Identification

- 1.1. Product identifier
- Product name: SLEEP – 1 g THC Vape Cartridge
- Product code: FG-CV-015.01
- Potency: 800 mg /g - $\Delta 9$ tetrahydrocannabinol
- 1.2. Relevant identified uses of the substance or mixture: Extract – Inhalation – Electronic Cigarette
- 1.3. Supplier's details
- Name: Verve Dynamics (Pty) Ltd
- Address: Unit 5, Fish Eagle Park
Ou Paardevlei Rd
Somerset West
South Africa
- Telephone: +27 (0)21 8511015
- e-mail address: info@vervedynamics.co.za
- 1.4. Emergency phone number: +27 (0) 72 307 0375

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture: Schedule 6 controlled substance.
- 2.2. GHS label elements, including precautionary statements: Not applicable.
- 2.3. Hazards not otherwise classified (HNOC) or not covered by GHS:
- H361 Suspected of damaging fertility or the unborn child.
P201- Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P280- Wear protective gloves/protective clothing /eye protection /face protection.
P308 + P313- If exposed or concerned: Get medical advice / attention.
P405- Store locked up.
P501- Dispose of contents /container in accordance with local /provincial /federal regulations.

SECTION 3: Composition /Information on ingredients

3.1. Substances

Chemical name	Common name and synonyms	CAS Number	%
$\Delta 9$ tetrahydrocannabinol	THC	1972-08-03	± 80
Cannabinol	CBN	521-35-7	< 5
Cannabidiol	CBD	13956-29-1	< 5

SECTION 4: First-aid measures

- 4.1. Description of necessary first-aid measures
- General advice: Move out of dangerous area.
- If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.
- In case of skin contact: Wash off with soap and plenty of water.
- In case of eye contact: Flush eyes with water as a precaution.
- If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.
- 4.2. Most important symptoms /effects, acute and delayed: The most important known symptoms and effects are described in the labelling (see section 2.2) and /or in section 11.
- 4.3. Indication of immediate medical attention and special treatment needed, if necessary: No data available.

SECTION 5: Fire-fighting measures

- 5.1. Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.2. Specific hazards arising from the chemical: Carbon Dioxides, narcotic smoke.
- 5.3. Special protective actions for fire-fighters: Wear self-contained breathing apparatus for firefighting.

Further information

No Data Available.

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures:
- 6.2. Environmental precautions:
- 6.3. Methods and materials for containment and cleaning up:

Avoid dust formation and avoid breathing vapours, mist, smoke, or gas. For personal protection see section 8.

Do not let product enter drains.

Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling:
- 7.2. Conditions for safe storage, including any incompatibilities:
- Recommended storage temperature:
- Recommended long-term storage temperature:
- Specific end use(s):

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventative fire protection. For precautions see section 2.2.

Keep container tightly closed and away from light.

15 - 25 °C

4 - 8 °C

Apart from the uses mentioned in section 1.2. no other specific uses are stipulated.

SECTION 8: Exposure controls /Personal protection

- 8.1. Control parameters:
- 8.2. Appropriate engineering controls:

No data available.

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

The basic types of engineering controls are:

- Process controls which involve changing the way a job activity or process is done to reduce the risk
- Enclosure and /or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

- 8.3. Individual protection measures, such as personal protective equipment (PPE):

Eye /Face protection

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.

Full /Splash Contact:

Materials: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Body protection

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection not required. For nuisance exposures use type OV / AG (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. 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 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance /Form:	Amorphous Resin.
Odour:	Typical.
pH:	No data available.
Melting point /Freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper /Lower flammability or explosive limits:	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Solubility(ies):	No data available.
Partition coefficient: n-octanol /water:	No data available.

Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity:	No data available.
10.2. Chemical stability:	Stable under normal storage conditions.
10.3. Possibility of hazardous reactions:	No data available.
10.4. Conditions to avoid:	UV /Light.
10.5. Incompatible materials:	Strong oxidizing agents.
10.6. Hazardous decomposition products:	Hazardous decomposition products formed under fire conditions - Carbon Oxides, narcotic smoke.
10.7. Other decomposition products:	No data available.

In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity:	Data available but does not fill the criteria for classification.
Inhalation:	No data available.
Dermal:	No data available.
LD50 Intravenous:	No data available.
Skin corrosion /irritation:	No data available.
Serious eye damage /irritation:	No data available.
Respiratory or skin sensitization:	No data available.
Germ cell mutagenicity:	No data available.

Carcinogenicity

IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity:	No data available.
STOT- single exposure:	No data available.
STOT- repeated exposure:	No data available.
Aspiration hazard:	No data available.
Additional information:	RTECS: VH1600000

To the best of our knowledge, the chemical, physical, and toxicological properties are still to be thoroughly investigated.

SECTION 12: Ecological information

Persistence and degradability:	No data available.
Bio-accumulative potential:	No data available.
Mobility in soil:	No data available.
Results of PBT and vPvB assessment:	PBT / vPvB assessment not available as chemical safety assessment not required /not conducted.
Other adverse effects:	May be toxic to aquatic life.

SECTION 13: Disposal considerations

Disposal of the product

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste.
Chemical waste generators must also consult local, state, and national hazardous waste regulations to ensure complete accurate classification

SECTION 14: Transport information

DOT (US):	Not dangerous goods.
IMDG:	Not dangerous goods.
IATA:	Not dangerous goods.

SECTION 15: Regulatory information

SARA 302 Components:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311 /312 Hazards:

Chronic Health Hazard.

HMIS Rating

Health:	0
Flammability:	0
Physical hazard:	0
Personal protection:	1

NFPA Rating

Health hazard:	3
Fire hazard:	1
Reactivity hazard:	0
Special hazard:	0

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

CANNABIS (8063-14-7*) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) – Appendix D

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) – Appendix K

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) – Schedule 8

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) – Schedule 9

National Inventory Status

National Inventory	Status
Australia – AICS	N (Cannabis)
Canada – DSL	N (Cannabis)
Canada – NDSL	N (Cannabis)
China – IECSC	N (Cannabis)
Europe – EINEC / ELINCS / NLP	N (Cannabis)
Japan – ENCS	N (Cannabis)
Korea – KECI	N (Cannabis)
New Zealand – NZIoC	N (Cannabis)
Philippines – PICCS	N (Cannabis)
USA – TSCA	N (Cannabis)

Legend:

Y = All ingredients are on the inventory

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing (see specific ingredients in brackets)

SECTION 16: Further information /disclaimer

Issue date: 16/01/2021

Revision date: 14/07/2025

Version #: 01

Print Date: 05/12/2025

References: Verve Dynamics (Pty) Ltd - Hazards Determination Policy 2016

Regulatory Information Statement: This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC) No.1272/2008

Disclaimer:

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