QA Testing

PharmLabs San Diego Certificate of Analysis

Sample **Ice Cream Cake 13624.CLICC**

SDPharmLabs

Delta9 THC	THCa	Total THC (THC + THCa)	Delta8 THC
ND	0.26%	0.26%	ND

Sample ID **SD240521-029 (94571)** Matrix **Concentrate (Inhalable Cannabis Good)**

Tested for **TribeTokes**

Sampled **-** Received **May 21, 2024** Reported **May 23, 2024**

Analyses executed **CAN+**

CAN+ - Cannabinoids Analysis

Analyzed **May 23, 2024** | Instrument **HPLC-VWD** | Method **SOP-001**

The expanded Uncertainty of the Cannabinoid analysis is approximately **±7.806%** at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	3.20	32.03
Cannabidiolic Acid (CBDA)	0.001	0.16	6.11	61.13
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	11.29	112.92
Cannabidiol (CBD)	0.001	0.16	50.13	501.26
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	ND	ND
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	ND	ND
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.30	3.00
Total THC (THCa * 0.877 + Δ9THC)			0.26	2.63
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			0.26	2.63
Total CBD (CBDa * 0.877 + CBD)			55.49	554.87
Total CBG (CBGa * 0.877 + CBG)			11.29	112.92
Total Cannabinoids Analyzed			70.25	702.45

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count

PJLA Testing Acc. #85368

DCC license: C8-0000098-LIC
DEA license: RP0611043
ISO/IEC 17025:2017 Acc. L17-427-1

Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
Thu, 23 May 2024 10:08:50 -0700

PharmWare CANNABIS LABORATORY LIMS & ELN

Note: Full Panel On Raw Materials

Certificate of Analysis

MILE HIGH LABS

To view the certificate of analysis for this product, scan the QR code or visit coa milehighlabs com and enter the lot number

Final Product: Crystal Resistant CBD Distillate 2.0
Lot Number: L2308B017
Date of Manufacture: August 2023 **Expiration:** August 2025

AT A GLANCE	Organolpetics Passed	Potency Passed	Residual Solvents Passed	Elemental Impurities Passed	Mycotoxins Passed	Microbials Passed	Pesticides Passed

Test		Methodology	Specification	Test Results	Pass/Fail
Color and Appearance		TM-004[1] / Contract Lab[2]	Amber, semifluid at room temperature	Conforms	PASS
CBD Potency		Contract Lab[2]	45 – 60%	59%	PASS
THC Content (% w/w)	THC (Δ9-Tetrahydrocannabinol)	Contract Lab[2]	≤ 0.2%	0.085%	PASS
	THCA (Δ9-Tetrahydrocannabinolic Acid)	Contract Lab[2]	≤ 0.2%	ND	PASS
	Total THC (% w/w, THC + THCA * 0.877)	Contract Lab[2]	≤ 0.2%	0.085%	PASS
CBG Potency	CBG (% w/w)	Contract Lab[2]	≥ 2.5%	13.17%	PASS
Related Cannabinoid Content (% w/w)	CBN (Cannabinol)	Contract Lab[2]	≤ 0.3%	0.13%	PASS
	d8-THC (Δ8-Tetrahydrocannabinol)	Contract Lab[2]	≤ 0.2%	ND	PASS
	THCV (Tetrahydrocannabivarin)	Contract Lab[2]	≤ 0.3%	0.18%	PASS
	THCVA (Tetrahydrocannabivarinic acid)	Contract Lab[2]	≤ 0.3%	ND	PASS
	CBC (Cannabichromene)	Contract Lab[2]	Report % w/w	< LOQ[5]	PASS
	CBCA (Cannabichromenic acid)	Contract Lab[2]	Report % w/w	ND	PASS
	CBDA (Cannabidiolic acid)	Contract Lab[2]	Report % w/w	ND	PASS
	CBDVA (Cannabidivarinic acid)	Contract Lab[2]	Report % w/w	ND	PASS
	CBDV (Cannabidivarin)	Contract Lab[2]	Report % w/w	3.48%	PASS
	CBGA (Cannabigerolic acid)	Contract Lab[2]	Report % w/w	ND	PASS
	CBL (Cannabicyclol)	Contract Lab[2]	Report % w/w	ND	PASS
	CBE (Cannabielsoin)	Contract Lab[2]	Report % w/w	6.40%	PASS
	Total (Sum of all observed RCs)	Calculated[3]	Report % w/w	23.4%	PASS
Total Cannabinoids (CBD plus total RCs, % w/w)		Calculated[3]	Report % w/w	82.4%	PASS

[1]MHL in-house method.
[2]All contract lab testing is performed by labs that are ISO 17025 and CDPHE certified.
[3]Calculations performed by MHL Quality.
[4]Refer to table on page 3 for individual pesticides and associated limits.
[5]LOQ of 0.05% w/w

697 N. Denver Ave, Ste. 132 Loveland, CO 80537

Specification: FX-112 Crystal Resistant CBD Distillate 2.0 Revision: v4.0

US Sales
sales@milehighlabs com
+1 (833) 223-1011

UK Sales
saleseu@milehighlabs com
+44 (0) 28 9099 5253

Note: Full Panel On Raw Materials

Certificate of Analysis

Final Product: Crystal Resistant CBD Distillate 2.0
Lot Number: L2308B017
Date of Manufacture: August 2023 **Expiration:** August 2025

MILE HIGH LABS

To view the certificate of analysis for this product, scan the QR code or visit coa milehighlabs com and enter the lot number

Residual Pesticide Limits (ppb)

Abamectin	300	Fenoxycarb	100	Spiromesifen	3,000
Acephate	3,000	Fenpyroximate	2,000	Spirotetramat	3,000
Acequinocyl	2,000	Fipronil	100	Spiroxamine	100
Acetamiprid	3,000	Flonicamid	2,000	Tebuconazole	1,000
Aldicarb	100	Fludioxonil	3,000	Thiacloprid	100
Azoxystrobin	3,000	Hexythiazox	2,000	Thiamethoxam	1,000
Bifenazate	3,000	Imazalil	100	Trifloxystrobin	3,000
Bifenthrin	500	Imidacloprid	1,000		
Boscalid	3,000	Kresoxim-Methyl	1,000		
Captan	3,000	Malathion	2,000		
Carbaryl	500	Metalaxyl	3,000		
Carbofuran	100	Methiocarb	100		
Chlorantraniliprole	3,000	Methomyl	100		
Chlordane	100	Methyl Parathion	100		
Chlorfenapyr	100	Mevinphos	100		
Chlormequat Chloride	3,000	Myclobutanil	3,000		
Chlorpyrifos	100	Naled	500		
Clofentezine	500	Oxamyl	500		
Coumaphos	100	Paclobutrazol	100		
Cyfluthrin	1,000	Pentachloronitrobenzene	200		
Cypermethrin	1,000	Permethrin	1,000		
Daminozide	100	Phosmet	200		
Diazinon	200	Piperonyl butoxide	3,000		
Dichlorvos (DDVP)	100	Prallethrin	400		
Dimethoate	100	Propiconazole	1,000		
Dimethomorph	3,000	Propoxur	100		
Ethoprop(hos)	100	Pyrethrins	1,000		
Etofenprox	100	Pyridaben	3,000		
Etoxazole	1,500	Spinetoram	3,000		
Fenhexamid	3,000	Spinosad A & D	3,000		

[1]MHL in-house method.
[2]All contract lab testing is performed by labs that are ISO 17025 and CDPHE certified.
[3]Calculations performed by MHL Quality.
[4]Refer to table on page 3 for individual pesticides and associated limits.
[5]LOQ of 0.05% w/w

697 N. Denver Ave, Ste. 132 Loveland, CO 80537

Specification: FX-112 Crystal Resistant CBD Distillate 2.0 Revision: v4.0

Ryan Baxter
Ryan Baxter (Aug 14, 2023 09:44 MDT)
Quality Associate II
Prepared by Date

Hadasa A. Villalobos
Quality Manager 8/14/23
Approved by Date

US Sales
sales@milehighlabs.com
+1 (833) 223-1011

UK Sales
saleseu@milehighlabs.com
+44 (0) 28 9099 5253

Note: Full Panel On Raw Materials

MILE HIGH LABS

Crystal Resistant Distillate

Safety Data Sheet

Issue date: 4 December 2020 Version: 2.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form	:	Mixture
Product name	:	Crystal Resistant Distillate
Product code	:	FX-027
Note	:	This SDS is written to address potential worker health and safety issues associated with the handling of the formulated product. Workers manufacturing this product should consult the SDSs of each hazardous ingredient for hazard information and handling recommendations.

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Dietary supplement/food product

1.2.2. Uses advised against

Restrictions on use : Any use not specified

1.3. Details of the supplier of the safety data sheet

Manufacturer
Mile High Labs
2555 W Midway Blvd
80020 Broomfield, Colorado - USA
T (833) 223-1011
sales@milehighlabs.com

1.4. Emergency telephone number

Emergency number : (833) 223-1011
08:30 - 16:30 MST

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2. Label elements

Not a hazardous substance or mixture.

2.3. Other hazards

Other hazards not contributing to the classification : None

This a dietary supplement/food product additive that is safe for consumers and other users under normal and reasonable ingestion use.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Cannabidiol (CBD) Distillate	(CAS-No.) 89958-21-4 (EC-No.) 289-644-3	100
Cannabidiol (CBD)	(CAS-No.) 13956-29-1 (EC-No.) 689-176-3	45-60

Note: Full Panel On Raw Materials

Crystal Resistant Distillate
Safety Data Sheet

Cannabigerol (CBG)	(CAS-No) 25654-31-3 (EC-No) NA	0-20
Cannabidiolic Acid (CBDA)	(Cas-No) 1244-58-2 (EC-No) 857-126-1	0-5
Cannabinol (CBN)	(Cas-No) 521-35-7 (EC-No) 689-788-0	0-5
Cannabidivarin (CBDV)	(Cas-No) 24274-48-4 (EC-No) 809-029-0	0-5
Tetrahydrocannabivarin (THCV)	(Cas-No) 31262-37-0 (EC-No) 809-026-4	0-1
Total THC = (THC + THCA)	(Cas-No) 1972-08-3, 23978-85-0 (EC-No) 625-153-6, 689-813-5	≤ 0.2

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Immediately move exposed subject to fresh air. If not breathing, give artificial respiration. If breathing is labored, administer oxygen. Immediately notify medical personnel and supervisor.

First-aid measures after skin contact : Wash exposed area with soap and water and remove contaminated clothing/shoes. If irritation occurs or persists, notify medical personnel and supervisor.

First-aid measures after eye contact : If easy to do, remove contact lenses, if worn. Immediately flush eyes with copious quantities of water for at least 15 minutes. If irritation occurs or persists, notify medical personnel and supervisor.

First-aid measures after ingestion : Do not induce vomiting unless directed by medical personnel. Do not give anything to drink unless directed by medical personnel. Never give anything by mouth to an unconscious person. Notify medical personnel and supervisor.

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

Symptoms/effects : Medical conditions aggravated by exposure: None known or reported. Treat symptomatically and supportively.

Symptoms/effects after inhalation : Inhalation may cause irritation (cough, short breathing, difficulty in breathing).

Symptoms/effects after eye contact : Dust particles may cause eye irritation by mechanical irritation.

Symptoms/effects after ingestion : May cause drowsiness or dizziness.

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

Treat symptomatically and supportively.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO_2), powder, alcohol-resistant foam, water fog.

Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard : No information identified.

Explosion hazard : No information identified. High concentrations of finely divided organic particles can explode if ignited.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

Crystal Resistant Distillate

Safety Data Sheet

Note: Full Panel On Raw Materials

5.3. Advice for firefighters

Firefighting instructions : In case of fire in the surroundings: use the appropriate extinguishing agent. Wear full protective clothing and an approved, positive pressure, self-contained breathing apparatus. Decontaminate all equipment after use.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Avoid all unnecessary exposure. Do not get in eyes, on skin, or on clothing.

6.1.2. For emergency responders

Protective equipment : If product is released or spilled, take proper precautions to minimize exposure by using appropriate personal protective equipment (see Section 8). Area should be adequately ventilated.

Emergency procedures : Avoid all unnecessary exposure. Do not get in eyes, on skin, or on clothing.

6.2. Environmental precautions

Do not empty into drains. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Sweep or shovel spills into appropriate container for disposal. Do not use compressed air for cleaning.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See Sections 8 and 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

Precautions for safe handling : Avoid contact with skin, eyes, and clothing. Wear protective equipment as determined by a risk assessment. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in dry protected location to prevent any moisture contact. Store in tightly closed containers and protect from light.

Incompatible products : Strong oxidizing agents.

Storage temperature : Recommended storage temperature-controlled room temperature 68-77°F (20-25°C).

Packaging materials : Food use approved and UV resistance.

7.3. Specific end use(s)

Dietary supplement / food product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Name	Issuer	Value
Cannabidiol (CBD)	No data available	No data available
Cannabigerol (CBG)	No data available	No data available
Cannabielsoin (CBE)	No data available	No data available
Cannabidivarol (CBDV)	No data available	No data available

Note: Full Panel On Raw Materials

Crystal Resistant Distillate
Safety Data Sheet

8.2. Exposure controls

Appropriate engineering controls	Selection and use of containment devices and personal protective equipment should be based on a risk assessment of exposure potential. Use local exhaust and/or enclosure at dust generating points. Use engineered local exhaust ventilation (LEV) and/or enclosure for procedures where dust can be released. All containers must be covered while being transferred.
Respiratory protection	Choice of respiratory protection should be appropriate to the task and the level of existing engineering controls. At a minimum, a tight-fitting full-face respirator with HEPA filters is required when performing dust - generating operations. A powered air-purifying respirator (PAPR) with HEPA filters and head cover is required for spill cleanup.
Hand protection	Wear nitrile or other impervious gloves if skin contact is possible. When the material is dissolved or suspended in an organic solvent, wear gloves that provide protection against the solvent.
Eye protection	Wear safety glasses with side shields, chemical goggles, or full face shield, if necessary. Base the choice of protection on the job activity and potential for contact with eyes or face. An emergency eye wash station should be available.
Skin and body protection	Wear disposable garments appropriate to the task, booties, and safety glasses with side shields. Protective garments (coveralls, disposable coveralls, lab coats) are not to be worn in common areas (e.g., cafeterias) or out-of-doors. Employees must be trained in proper gowning and degowning practices.
Other protective measures	Wash hands in the event of contact with this substance, especially before eating, drinking or smoking. Protective equipment is not to be worn outside the work area (e.g., in common areas or out-of-doors).

Environmental exposure controls:
Avoid release to the environment and operate within closed systems wherever practicable. Emissions should be directed to appropriate pollution control devices. In case of spill, do not release to drains. Implement appropriate and effective emergency response procedures to prevent release or spread of contamination and to prevent inadvertent contact by personnel.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Semifluid at room temperature
Appearance	:	Amber, semifluid
Colour	:	Amber
Odour	:	Odourless.
Odour threshold	:	No data available
pH	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Log Pow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available
Explosive limits	:	No data available

9.2. Other information

No additional information.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

Crystal Resistant Distillate

Safety Data Sheet

Note: Full Panel On Raw Materials

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Direct sunlight.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Carbon oxides (CO, CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure	:	May be absorbed by inhalation, skin contact and ingestion
Acute toxicity (oral)	:	Not classified. No data available.
Acute toxicity (dermal)	:	Not classified No data available.
Acute toxicity (inhalation)	:	Not classified No data available.
Skin corrosion/irritation	:	Not classified No data available.
Serious eye damage/irritation	:	Not classified No data available.
Respiratory or skin sensitisation	:	Not classified No data available.
Germ cell mutagenicity	:	CBD In vitro: Bacterial reverse mutation assay (e.g. Ames test): negative In vivo: Rat micronucleus assay: negative While there are some positive in vitro genotoxic responses, CBD was negative for genotoxicity and carcinogenicity in rodents. The data are not sufficient for classification.
Carcinogenicity	:	Not classified CBD Rat, dietary LOAEL:50 mg/kg/day Effect: no increase in incidence of tumors Not listed by NTP, IARC, ACGIH or OSHA as a carcinogen.
Reproductive toxicity	:	CBD Rat fertility study (males and females), Oral, NOAEL:250 mg/kg/day Effects: none Data not sufficient for classification.
Developmental toxicity	:	CBD: Data not sufficient for classification.

Note: Full Panel On Raw Materials

Crystal Resistant Distillate
Safety Data Sheet

STOT-single exposure	:	Not expected to cause systemic effects to organs on single exposure. Data not sufficient for classification.
STOT-repeated exposure	:	CBD Rats (90 days), Oral LOAEL: 300 mg/kg/day Effects: none Not expected to cause systemic effects to organs on repeated exposures. Data not sufficient for classification.
Aspiration hazard	:	No data available

SECTION 12: Ecological information

12.1. Toxicity

Ecology – general	:	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	:	Not classified
Hazardous to the aquatic environment, long-term (chronic)	:	Not classified
Additional information	:	Based on available data, the classification criteria are not met. The environmental characteristics of this mixture have not been fully investigated. Releases to the environment should be avoided.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Crystal Resistant Distallate
PBT: not yet assessed
vPvB: not yet assessed

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	:	Used product should be disposed of according to local, state, and federal regulations. All wastes containing the material should be properly labeled. Dispose of wastes in accordance to prescribed federal, state, and local guidelines, e.g, appropriately permitted chemical waste incinerator. Rinse waters resulting from spill cleanups should be discharged in an environmentally safe manner, e.g, appropriately permitted municipal or on-site wastewater treatment facility.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

Note: Full Panel On Raw Materials

Crystal Resistant Distillate
Safety Data Sheet

14.1. UN number

UN-No. (ADR)	: Not regulated
UN-No. (IMDG)	: Not regulated
UN-No. (IATA)	: Not regulated
UN-No. (ADN)	: Not regulated
UN-No. (RID)	: Not regulated

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not regulated
Proper Shipping Name (IMDG)	: Not regulated
Proper Shipping Name (IATA)	: Not regulated
Proper Shipping Name (ADN)	: Not regulated
Proper Shipping Name (RID)	: Not regulated

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not regulated

IMDG

Transport hazard class(es) (IMDG) : Not regulated

IATA

Transport hazard class(es) (IATA) : Not regulated

ADN

Transport hazard class(es) (ADN) : Not regulated

RID

Transport hazard class(es) (RID) : Not regulated

14.4. Packing group

Packing group (ADR)	: Not regulated
Packing group (IMDG)	: Not regulated
Packing group (IATA)	: Not regulated
Packing group (ADN)	: Not regulated
Packing group (RID)	: Not regulated

14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

14.6. Special precautions for user

Special transport precautions : Avoid release to the environment.

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

Note: Full Panel On Raw Materials

Crystal Resistant Distillate
Safety Data Sheet

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for crystal resistant distillate.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:

ACGIH - American Conference of Governmental Industrial Hygienists; ADR/RID - European Agreement Concerning the International Carriage of Dangerous Goods by Road/Rail; AIHA - American Industrial Hygiene Association; CAS# - Chemical Abstract Services Number; CLP - Classification, Labelling, and Packaging of Substances and Mixtures; DNEL - Derived No Effect Level; DOT - Department of Transportation; EINECS - European Inventory of New and Existing Chemical Substances; ELINCS - European List of Notified Chemical Substances; EU - European Union; GHS - Globally Harmonized System of Classification and Labeling of Chemicals; IARC - International Agency for Research on Cancer; IDLH - Immediately Dangerous to Life or Health; IATA - International Air Transport Association; IMDG - International Maritime Dangerous Goods; LOEL - Lowest Observed Effect Level; LOAEL - Lowest Observed Adverse Effect Level; NIOSH - The National Institute for Occupational Safety and Health; NOEL - No Observed Effect Level; NOAEL - No Observed Adverse Effect Level; NTP - National Toxicology Program; OEL - Occupational Exposure Limit; OSHA - Occupational Safety and Health Administration; PBT - Persistent, Bioaccumulative, and Toxic; PNEC - Predicted No Effect Concentration; SARA - Superfund Amendments and Reauthorization Act; STOT - Specific Target Organ Toxicity; STEL - Short Term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Data sources :

Information from published literature and internal company data.

PubChem (2020) Compound Summary. National Center for Biotechnology Information. Available at: https://pubchem.ncbi.nlm.nih.gov. Accessed 4 August 2020.

Greenwich Biosciences Inc (2020) Epidiolex - cannabidiol solution [FDA] Food and Drug Administration Label information. Available at: https://dailymed.nlm.nih.gov/dailymed/index.cfm. Revised 26 August 2020.

Bergamaschi MM, et al. (2011). Safety and side effects of cannabidiol, a Cannabis sativa constituent. Curr Drug Saf. 6(4):237-49.,

Deabold KA, Schwark WS, Wolf L and Wakshlag JJ (2019) Single-Dose Pharmacokinetics and Preliminary Safety Assessment with Use of CBD-Rich Hemp Nutraceutical in Healthy Dogs and Cats. Animals (Basel) 9. doi: 10.3390/ani9100832

Dziwenka M, Coppock R, Alexander M, Palumbo E, Ramirez C and Lermer S (2020) Safety Assessment of a Hemp Extract using Genotoxicity and Oral Repeat-Dose Toxicity Studies in Sprague-Dawley Rats. Toxicol Rep 7:376-385. doi: 10.1016/j.toxrep.2020.02.014

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Note: Full Panel On Raw Materials

Document Approvals
Approved Date: 12/7/2020

Approval Task Verdict: Approve	Jack Barker, (j.barker@milehighlabs.com) Production Approval 04-Dec-2020 20:44:19 GMT+0000
Approval Task Verdict: Approve	Melodie Nye, (M.Nye@milehighlabs.com) Environmental Health & Safety Approval 04-Dec-2020 20:53:42 GMT+0000
Approval Task Verdict: Approve	Marc Rothney, (m.rothney@milehighlabs.com) Environmental Health & Safety Approval 04-Dec-2020 21:14:26 GMT+0000
Approval Task Verdict: Approve	Shad Lacy, (s.lacy@milehighlabs.com) Quality Assurance Approval 07-Dec-2020 16:36:34 GMT+0000