# **Certificate of Analysis**

PRODUCT DETAILS			
Product Name	FENUGREEK CO2 EXTRACT		
Expiry Date	January 2026		
Batch Number	4495203		
Identification	CAS No: NA	CAS No: NA EINECS No: NA	
PHYSICAL AND CHEN	IICAL CHARACTERISTIC		
	SPECIFICATION RANGE	RESULTS	
Appearance	Liquid	Conforms	
Colour	Yellow to Brown	Conforms	
Odour	Characteristic	Conforms	
Relative Density	<1,00 g/cm <sup>3</sup>	0.9244	
Flash Point °C	>65 CC	Conforms	
<b>STORAGE AND SHELI</b>	FLIFE		
Storage	Store in tightly closed container wit	h minimum headspace in a cool, dark and dry place.	

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where we make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.

## SAFETY DATA SHEET FENUGREEK CO2 EXTRACT

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1. Product identifier	
Product name	FENUGREEK CO2 EXTRACT
Product number	OEFENU
Synonyms; trade names	Trigonella foenum-graecum
1.2. Relevant identified uses	of the substance or mixture and uses advised against
Identified uses	Fragrance.
1.3. Details of the supplier of	the safety data sheet
Supplier	
	MADAR Corporation Limited
	19-20 Sandleheath Industrial Estate
	Fordingbridge
	Hampshire
	SP6 1PA
	Tel. +44 1425 655555 (Opening Hours 9am - 5pm)
	e-mail sales@madarcorporation.co.uk
1.4. Emergency telephone nu	
SECTION 2: Hazards identifi	cation
2.1. Classification of the subs	stance or mixture
2.2. Label elements	
2.3. Other hazards	
SECTION 3: Composition/information on ingredients	
3.1. Substances	
Product name	FENUGREEK CO2 EXTRACT

## **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.
Skin contact	Wash skin thoroughly with soap and water or use an approved skin cleanser. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
4.2. Most important symptoms	and effects, both acute and delayed
General information	No further information available at this time.
4.3. Indication of any immedia	te medical attention and special treatment needed
Notes for the doctor	No data available.
SECTION 5: Firefighting meas	sures
5.1. Extinguishing media	
Suitable extinguishing media	Use as appropriate carbon dixoide (CO2), dry chemical or foam
Unsuitable extinguishing media	For safety reasons do not use full water jet.
5.2. Special hazards arising from	om the substance or mixture
Specific hazards	Harmful gases or vapours.
Hazardous combustion products	No data available.
5.3. Advice for firefighters	
Protective actions during firefighting	Avoid breathing fire gases or vapours.
Special protective equipment for firefighters	Wear full protective clothing
SECTION 6: Accidental release	e measures
6.1. Personal precautions, pro	tective equipment and emergency procedures
Personal precautions	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin and eyes. Avoid inhalation of vapours. Wear protective clothing, gloves, eye and face protection. Wash thoroughly after dealing with a spillage.
6.2. Environmental precaution	<u>S</u>
Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
6.3. Methods and material for	containment and cleaning up
Methods for cleaning up	Collect material mechanically, placing in appropriate containers for disposal. Wash spill site after material pick up is complete.
6.4. Reference to other section	ns

### SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. Wear protective clothing as described in Section 8 of this safety data sheet. Do not get in eyes, on skin, or on clothing. Avoid breathing vapour/spray. Use only in well-ventilated areas. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment. Do not empty into drains. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

## 7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Usage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

#### 7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### 8.2. Exposure controls

#### Protective equipment







Appropriate engineering controls	Provide eyewash station Provide adequate ventilation.
Personal protection	Use personal protection according to Directive 89/686/EEC
Eye/face protection	Approved safety goggles.
Hand protection	Chemical resistant gloves (PVC)
Other skin and body protection	Wear apron or protective clothing in case of contact.
Hygiene measures	Good personal hygiene procedures should be implemented.
Respiratory protection	Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.
Environmental exposure controls	Avoid discharging into drains.

SECTION 9: Physical and Chemical Properties		
9.1. Information on basic physical and chemical properties		
Appearance	Liquid.	
Colour	Yellow. to Brown.	
Odour	Characteristic.	
Melting point	No data available.	
Flash point	> 65°C CC (Closed cup).	
Relative density	< 1,00 g/cm³	
Partition coefficient	No data available.	
9.2. Other information		
Refractive index	No data available.	
Optical Rotation	No data available	
Hydrocarbon Content		
SECTION 10: Stability and re	activity	
10.1. Reactivity		
Reactivity	No data available.	
10.2. Chemical stability		
Stability	Stable under the prescribed storage conditions.	
10.3. Possibility of hazardous	reactions	
Possibility of hazardous reactions	No data available.	
10.4. Conditions to avoid		
Conditions to avoid	Keep away from heat sources, open flames and sunlight.	
10.5. Incompatible materials		
Materials to avoid	No data available.	
10.6. Hazardous decompositi		
Hazardous decomposition products	No dangerous decomposition products expected by intended use.	
SECTION 11: Toxicological information		
11.1. Information on toxicolog	ical effects	
Toxicological effects	No data available.	
Acute toxicity - oral Notes (oral LD₅₀)	No data available.	
Acute toxicity - dermal Notes (dermal LD₅₀)	No data available.	
Acute toxicity - inhalation Notes (inhalation $LC_{50}$ )	No data available.	

Skin corrosion/irritation	No data available.
Respiratory sensitisation Respiratory sensitisation	No data available.
Reproductive toxicity Reproductive toxicity - fertility	No data available.
Aspiration hazard	
Aspiration hazard	No data available.
SECTION 12: Ecological Infor	mation
Ecotoxicity	No data available.
12.1. Toxicity	
Acute toxicity - microorganisms	No data available.
Toxicity to soil	No data available.
12.2. Persistence and degrada	ability
Biodegradation	No data available.
12.3. Bioaccumulative potential	
Partition coefficient	No data available.
12.4. Mobility in soil	
Henry's law constant	No data available.
12.5. Results of PBT and vPvI	3 assessment
12.6. Other adverse effects	
SECTION 13: Disposal consid	erations
13.1. Waste treatment method	
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not empty into drains.
SECTION 14: Transport inform	nation
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
14.1. UN number	
Not applicable.	
14.2. UN proper shipping name	
Not applicable.	
14.3. Transport hazard class(es)	
No transport warning sign required.	
14.4. Packing group	
Not applicable.	

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

#### 14.6. Special precautions for user

Not applicable.

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

## Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

#### SECTION 15: Regulatory information

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

EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16	
	December 2008 on classification, labelling and packaging of substances and mixtures (as amended).	

Guidance CHIP for everyone HSG228.

### 15.2. Chemical safety assessment

SECTION 16: Other information		
Revision date	06/09/2017	
Revision	1	
SDS number	5029	

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## **Product Specification**

Product Name	FENUGREEK CO2 EXTRACT	
Product Code	OEFENU	
Tariff Number	33013000	
INCI Name	Trigonella foenum-graecum	
Declaration	INCI-Name (CTFA): Trigonella Foenum-Graecum (Fenugreek) Seed Extract, CAS-No. 84625-40-1, EINECS-No. 283-415-1 and Rosmarinus Officinalis (Rosemary) Leaf Extract, CAS-No. 84604-14-8, EINECS-No. 283-291-9 (INCI Key G: less than or equal to 0,1 %)	
Ingredients	Fatty oil with 35 - 45 % linoleic acid (C18:2 w6), 20 - 40 % linolenic acid (C18:3 w3). The extract contains only traces of essential oil with sotolon (3-hydroxy-4,5-dimethyl-2(5H)-furanone) as specific component responsible for the typical fenugreek flavour.	
Natural Status	The product is manufactured from the named raw material. It contains apart from Rosemary Antioxidant (organic) no additives and no other technical adjuncts, it is not blended and not formulated. The product is 100 % natural and it corresponds to the EC Flavouring Regulation No.1334/2008 for flavouring preparations.	
Application	As food supplement, for flavouring food products. Note EU regulation for supplements - contains Antioxidant: Rosemary extract	
Kosher Certified	No but can be added	
Halal Certified	We hereby delcare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modifed organisms.	
Manufacturing Process	By supercritical fluid extraction with natural carbon dioxide, no solvent residues, no inorganic salts, no heavy metals, no reproducible microorganisms [1]. The extract is stabilized with Rosemary Antioxidant Extract (organic)	
Identification	CAS No: NA EINECS No: NA	
PHYSICAL AND CHEMIC	AL CHARACTERISTIC	
Appearance	Liquid	
Colour	Yellow to Brown	
Odour	Characteristic	
Relative Density	<1,00 g/cm <sup>3</sup>	
Flash Point °C	>65 CC	
FRAGRANCE ALLERGEN		
	<u> </u>	
FOOD ALLERGENS		
NONE PRESENT		
IFRA		
NOT APPLICABLE		
STORAGE		
	Store in tightly closed container with minimum headspace in a cool, dark and dry place	
Storage	store in tightly closed container with minimum headspace in a cool, dark and dry place	

knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.

Issue No: 1

06/09/2017

# **Vegan and Vegetarian Statement**

IDENTIFICATION		
Product: Fenugree	k CO2 Extract	
Cas No: NA		
EINECS No: NA		
	STATEMENT	
· ·	ed, from information received from our supplier, hereby I above is compliant with a vegan or vegetarian diet.	
It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.		
21/02/20		
21,02,20		
	t of our knowledge and from information received from our supplier. It obligation to carry out an examination of the goods received. All uses	
made by the buyer are done under their own responsibility.		