

TECHNICAL DATA SHEET

Index : 7 25/05/2018

NAME : CARDAMOME HE
Reference :
Appearance : Liquid
Colour: Colourless to pale yellow
Description:
Essential oil obtained by steam distillation or hydrodistillation

PHYSICAL DATA:

Specific gravity 20/20°C	0,9190	0,9360
Refractive Index 20°C	1,4620	1,4680
Flash Point °C (closed cup)	+59,0°C	

CHEMISTRY

Acid Value	0,100	6,000
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ADDITIONAL ANALYTICAL DATA

Specific Gravity 25/25°C	0,9160	0,9330
Optical Rotation	+22,00°	+41,00°
Dry matter %	97,00%	100,00%
Refractive Index 25°C	1,4600	1,4660

Purity (Gas Chromatography)

Gas Chromatography	Conforms to standard
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NUTRITIONAL DATA (/100g):

Energy value	negligible.
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SOLUBILITY

Soluble in n vol alcohol 70%V n= :	3,0vol
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LIMITED AROMATIC COMPONENTS :

Regulation EC 1334/2008 ANNEX I :	Absence of restricted substances.
Regulation EC 1334/2008 Ann.III/IV:	Regulated substances have not been detected.

FOOD ALLERGENS (Reg. 1169/2011):

Vegetarian diet :	Suitable
Vegan diet	Suitable
Major allergens are not present	.

INDICATIONS:

Status/Irradiation:	Does not contain any irradiated ingredient.
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STATUS:

U.S.A.:	Natural flavor (Code CFR 21 Sub B § 101-22)
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RELIGIOUS STATUS:

Kosher status Kof-K	Product conforms to religious principles
Certification effective until :	2024/12/31

FDA STATUS

Product FDA Nr.	45LE-99
HTC (Harmonised Tarif Code)	3301.29.5150
FDA Number	17851115434
Type of packaging	Aluminium

EUROPE G.M.O. STATUS

Accord. to EU Reg.1829 & 1830/2003,	this product does not entail any GMO labelling in the finished product.
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INCI / IUPAC AND OTHER NAMES

INCI / CTFA Name	Elettaria Cardamomum Seed
CTFA / INCI name:	Oil
INCI name (COSING):	Elettaria Cardamomum Seed
INCI name (COSING):	Oil
China INCI Name (IECIC):	Elettaria Cardamomum Seed
China INCI Name (IECIC):	Oil

BOTANICAL OR ANIMAL IDENTIFICATION

Origin of the product :	Vegetal
Botanical family	Zingiberaceae
Botanical or scientific name:	Elettaria cardamomum (L.)
.	Maton
Part of the plant used:	seeds

REGULATORY DEFINITION OF PRODUCT

Definition as per Reg.1334/2008/EC	Flavouring preparation Article 3 2 d) i) (food source)
21 CFR (FDA)	Natural under §101.22 (a)(3)
Food chemical CODEX:	In accordance with Food Chemical Codex.
ISO STANDARD 9235:2021	Essential oil obtained by steam distillation
N° AFNOR :	NF T 75-341 JUIN 82

INVENTORY REGISTRATIONS

CAS Inventory :	Listed ingredient(s)
ToSCA Inventory - USA	Listed ingredient(s)
Europe: E.C. Inventories	Listed ingredient(s)
AIIIC Inventory - AUSTRALIA	Listed ingredient(s)
PICCS inventory - PHILIPPINES	Listed ingredient(s)
SOUTH KOREA (ECL or KECI) Inventory	Listed ingredient(s)
Invent. Exist. Chem. Subst. (China)	Listed ingredient(s)
DSL inventory - CANADA	This product is DSL listed
Other CAS number	Listed ingredient(s)
Taiwan Chem. Substances Inv. (TCSI)	Listed ingredient(s)
New Zealand Invent. of Chemicals	Listed ingredient(s)
Vietnam: National Chemical database	Listed ingredient(s)
Indust. Safety & Health Law (Japan)	Listed ingredient(s)
Japan METI / ENCS exempted	Listed ingredient(s)
FEMA / GRAS inventory - USA	Listed ingredient(s)
FDA Gras affirmed	Listed ingredient(s)
Council of Europe (blue book)	Listed ingredient(s)
Food Japanese Law	Listed ingredient(s)
Food Flavorings. GB 2760-2014 CHINA	Listed ingredient(s)
Food Flavorings KFDA Korea	Listed ingredient(s)
Turkey Food Flavorings	Listed ingredient(s)
Russia Food Flavorings	Listed ingredient(s)
RIFM ID	yes

INVENTORY REGISTRATIONS NUMBER

CAS number:	8000-66-6
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Other CAS Nr:	85940-32-5
Europe: E.C. number	288-922-1
FEMA Nr:	2241
Food & Drug Administration Nr:	182.20
Council of Europe Nr:	180-N2
Category (List of the "Blue Book"):	A
ECL Nr (South Korea)	KE-26850
Indust. Safety & Health Law (Japan)	11-(1)-162
Food Flav. GB 2760-2014 CHINE code	N010
Food Flavoring KFSA Korea Number	39
RIFM Monograph(s) Nr :	379
Solvent, RIFM Monograph Nr	379

GEOGRAPHICAL ORIGIN OF THE PRODUCT

Product manufactured in Guatemala (GT)

RECOMMENDED USES

Suggested use :	For flavour and fragrance uses
Food grade for Europe	This product is allowed for food use in Europe.
Food Grade/GRAS or FDA listed USA:	YES product or ingredients listed (GRAS List or FDA)
Uses in Tobaccos (505 list)	Ingredients listed on the 505 List
Use for tobacco products BAT	Ingredients listed on the British American Tobacco list
Use in tobacco products (TVO)	Ingredient(s) listed

VERIFICATION OF THE DOCUMENT

Document revised:	25/04/2024
Document revised at the index :	7
This document is valid until:	Next index

ADVISED STORAGE:

Store at cool temperature (< 18°C), protected from air and light.

SHELF LIFE:

12 months in its original hermetically sealed container according to recommended storage conditions.

The above specification is to the best of our knowledge true and accurate. If you require further information, our technical services are at your disposal. Any intended change in the manufacturing process or the raw materials, which could modify the quality, will be notified in due time.

Regulatory Affairs Service

Date : June 2024