



SASU DIFFUSIONS AROMATIQUES

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Parc d'activités "Les Hauts de Grasse"

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Technical Data Sheet

MACADAMIA TERNIFOLIA NUT OIL

Manufacture SASU DIFFUSIONS AROMATIQUES

Reference : MACADAMIA TERNIFOLIA NUT OIL

Description

<i>BOTANICAL NAME :</i>	Macadamia ternifolia
<i>INCI NAME :</i>	MACADAMIA TERNIFOLIA SEED OIL
<i>MODE OF OBTAINING :</i>	Expeller pressed & refined
<i>GRADE :</i>	100% Natural

ANALYTIC DATA

<i>Appearance :</i>	Oily liquid
<i>Color :</i>	Pale yellow
<i>ODOR :</i>	Neutral
<i>PEROXIDE VALUE :</i>	<10.0
<i>Solubility(ies) :</i>	Insoluble in water
<i>Flash point :</i>	> 100°C
<i>Relative density (d₂₀/20) :</i>	[0.910 ; 0.930]
<i>Refractive index to 20°C :</i>	[1.465 ; 1.470]
<i>SAPONIFICATION INDEX :</i>	[187 ; 200]
<i>ACID VALUE (mg KOH/g) :</i>	ND

REGULATORY DATA

<i>ADDITIVES :</i>	/
<i>FOOD GRADE :</i>	NO
<i>TERPENOIDES :</i>	Does not contains Camphor, Eucalyptol, Menthol
<i>FOOD GRADE ALLERGENS :</i>	100% NUTS

Specification Data

<i>IODINE VALUE (In gram of iodine for 100 grams) :</i>	[70 ; 85]
<i>C16:0 PALMITIC ACID CONTAINED (% GC) :</i>	[6.0 ; 12.0]
<i>C16:1 PALMITOLEIC ACID CONTAINED (% GC) :</i>	[9.0 ; 20.0]
<i>C18:0 STEARIC ACID CONTAINED (% GC) :</i>	[2.0 ; 8.0]
<i>C18:1 OLEIC ACID CONTAINED (% GC) :</i>	[50.0 ; 67.0]
<i>C18:2 LINOLEIC ACID CONTAINED (% GC) :</i>	[3.0 ; 7.0]

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C18:3 LINOLENIC ACID <3.0
CONTAINED (% GC) :

C20:0 ARACHIDIC ACID [*<5.0 ; 3.7*]
CONTAINED (% GC) :

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SHELF LIFE : 12 months in below conditions, after this time it can be used after control.

C20: 1 EICOSENOIC <3.0
ACID=GADOLEIC (%) :

C22:0 BEHENIC ACID <2.0
CONTAINED (% GC) :

FREE FATTY ACIDS : <1.0

C24:0 ACIDE LIGNOCERIC <2.0
(%GC) :

LEGISLATION :

TARIF DOUANIER / HS CODE : 15159060

REACH registration : Exempted as per Annex IV & V, according to EC regul. 1907/2006

EINECS : Not listed

C.A.S : 438545-25-6 128497-20-1