

Description:

Latin name: Vitis Vinifera L., Vitaceae
 Shades: This analysis report is also valid for:
 Deodorized/ Conventional
 INC (EU)/ botanical name: VITIS VINIFERA SEED OIL
 CAS Registry Number EU): 84929-27-1 / 8024-22-4
 EC# (EINECS/ ELINCS): 284-511-6 / -
 Functions as cosmetic product: Emollient, skin conditioning
 CPNP reference: 1454580
 Customs tariff number: 1515 90 59
 Spreading behaviour: Medium

Physicochemical characteristics:

Parameter	Method	Range & unit
Density	20 °C DGF C-IV 2d	0,920 g/ml
Refractive index	20 °C DIN EN ISO 6320 refractometry	1,4749
Acid value	DGF C-V 2, Titration	≤10,0* mg KOH/g (KOH = NaOH)
Free fatty acids (FFA)	Calculated in oleic acid (DGF C-V 2)	≤ 5,03* %
Saponification value	EN ISO 3657, calculation	193 mg KOH/g (KOH = NaOH)
Iodine value	DGF-C-V 11d, Wijs	130 g I2/100g Semi-drying
Peroxide value	ISO 27107 Potentiometry	≤ 10,0 meq O2/kg oil
Anisidine value	DGF-C-VI 6e	< 10
Extractant	-	- (mechanical pressing)

* The acid value, peroxide value and free fatty acids increase steadily during storage. However the product will have under suitable storage conditions at the end of the best before date an acid value ≤ 4.0 mg KOH / g, a peroxide value ≤ 15.0 meq O2 / kg oil and free fatty acids ≤ 2.02 %.



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Fatty Acids composition

According to ISO 12966 mod.,GC/FID

Name	Family	Symbol*	%**
Palmitic acid	Saturated	16:0	7,6
Stearic acid	Saturated	18:0	5,1
Oleic acid	Omega-9, mono unsaturated	18:1	18,8
Linoleic acid	Omega-6, poly unsaturated	18:2	65,9

* Number of carbon atoms and of double bonds

Further ingredients (Unsaponifiable fraction)	mg/kg (ppm) *	Sterols	% *
Lecithin		Campesterol	10
Minerals (Mineralien)		Cholesterol (Cholesterin) 0,1	0,1
Procyanidin = Oligomere Proanthocyanidine (OPC)		Delta-5-avenasterol	2,6
Resveratrol		Delta-7-avenasterol	0,5
Sterols (0,3 - 2 %)	4209	Delta-7, 25-stigma-stadienol 0,5	0,5
Tocopherols	630	Delta-7-campesterol	-
Triglyceride of ricinoleic acid (Triglycerid der Ricinolsäure)		Delta-7-stigmasterol	1,7
Vitamin E, active	420	Sitostanol	74,5
Vitamin K		Stigmasterol	10,1

According to EU Health Claims Regulation No. 1024/2006 it is principally not permitted to use the term "Free from Cholesterol" on any product packaging, even in case that the oil not contain more than 5 mg Cholesterol per 100 g.

Vitamin E/ Tocopherols according to SAA L 006-51	mg/kg (ppm) *
Vitamin E, active 1	420
Alpha-Tocopherol (α)	325
Beta-Tocopherol (β)	80
Gamma-Tocopherol (γ)	220
Delta-Tocopherol (δ)	<20

* The given values are to be considered as approximate average values, which are based on scientific references and/or analysis.



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Allergen status (if Food grade):

According to the REGULATION (EU) No 1169/2011 of 2011-October-25, Annex II, in this regard the oil contains the following allergens subject to labeling: none

Important information:

The specifications and the Material Safety Data Sheet the oil have to be observed.

Due to this analysis report all former versions become invalid. All the values underlie natural fluctuations. This analysis report was provided to the best of our knowledge and belief. It serves information purposes only. A legally binding assurance of certain characteristics or of the appropriateness in a specific context of usage cannot be derived from our analysis report. The Analysis report is only binding, when explicitly agreed upon in written form. Hence, all values have to be validated by the customer himself and do not release him from his quality responsibility and duty to take care when processing our oil.

Maitreya Natura GmbH Srl

Vilpianerstraße 30 Via Vilpiano | 39010 Nals Nalles

Tel. +39 0471677733 | Fax +39 0471678128 | www.maitreya-natura.com | info@maitreya-natura.com

MwSt. Nr. / P.I. 02932590215