

HENRY LAMOTTE OILS GMBH, POSTFACH / P.O. BOX 10 38 49, D-28038 BREMEN

Pharmachem d.o.o.

production date: 04/2021

Koprska Ulica 106C

expiry date: 04/2023

1000 Ljubljana

Slovenia

Order No: Your Mail from 12.05.2021

Certificate of Analysis

26.05.2021

OLIVE OIL, REFINED

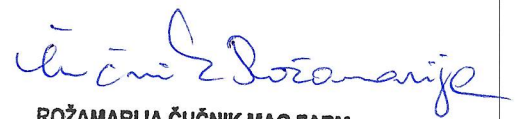
lot: 8008028001

Ph.Eur.10, 2020, BP 2021

Specific gravity (20 degree C)	0,913
Refractive index (20 degree C)	1,469
Acid value	0,20
Absorption at 270 nm	0,47
Iodine value	77
Saponification value	191
Peroxide value	complies
Unsaponifiable Matter	0,70 %
Colour gardner	1,5
Colour lovibond 5 1/4" yellow	7,8
Colour lovibond 5 1/4" red	0,7
Sesameoil	complies
Alkaline impurities	complies
Water	< 0,1 %

Fatty acid composition

Lauric acid	(C 12:0)	< 0,1 %
Myristic acid	(C 14:0)	< 0,1 %
Myristoleic acid	(C 14:1)	< 0,1 %
	(< C 16:0)	< 0,1 %
Palmitic acid	(C 16:0)	11,2 %
Palmitoleic acid	(C 16:1)	0,8 %
Margaric acid	(C 17:0)	0,1 %
Heptadecenoic acid	(C 17:1)	0,1 %
Stearic acid	(C 18:0)	3,6 %
Oleic acid and isomers	(C 18:1)	76,5 %
Linoleic acid	(C 18:2)	6,0 %
Linolenic acid	(C 18:3)	0,5 %
Octadecatetraenoic acid	(C 18:4)	< 0,1 %
Arachidic acid	(C 20:0)	0,4 %
Eicosenoic acid	(C 20:1)	0,3 %
Eicosanedienoic acid	(C 20:2)	< 0,1 %
Eicosanetraenoic acid	(C 20:4)	< 0,1 %
Behenic acid	(C 22:0)	0,1 %
Erucic acid	(C 22:1)	< 0,1 %
Lignoceric acid	(C 24:0)	< 0,1 %
Nervonic acid	(C 24:1)	< 0,1 %



ROŽAMARIJA ČUČNIK MAG.FARM.
STROKOVNI SODELAVEC

31-05-2021

OLIVE OIL, REFINED
Ph.Eur.10, 2020, BP 2021
lot: 8008028001



Sterols in %	
beta-sitosterol*	94,7 %
Delta-7-stigmastenol	0,4 %
Campesterol	3,3 %
Stigmasterol	1,0 %
Cholesterol	0,1 %
Stigmasterol	<campesterol
* Sum of contents of beta-Sitosterol, delta 5,23-stigmastadienol, clerosterol, sitostanol, delta 5-avenasterol und delta 5,24-stigmastadienol	
Identity	complies
Purity	complies

According to all relevant requirements in terms of unwanted substances in food, like residues of pesticides and other contaminants, compliance is given by an appropriate and risk-based monitoring plan. This plan is regular monitored and adjusted, if necessary.

This product in question is not affected by the GMO problem. Therefore this product does not need to be labelled regarding any genetic modification as per the new GMO regulations 1829/2003 and 1830/2003.

TSE/BSE risk: This raw material is of pure vegetable origin; during its production, storage and transport it has no contact with animal materials so that any contamination can be ruled out. It is therefore not affected by the regulations with regard to the guidelines stated in chapter 5.2.8 of the European Pharmacopoeia.

HENRY LAMOTTE OILS GMBH

A handwritten signature in blue ink, appearing to be the initials "HL", is located to the right of the company name.

Computer edited certificate - valid without signature