

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

Pharmachem d.o.o.

expiry date: 05/2024

Koprska Ulica 106C

1000 Ljubljana  
Slovenia

Order No: per Email vom 12.05.2022

## Certificate of Analysis

31.05.2022

### OLIVE OIL, REFINED

lot: 8009622001

Ph.Eur.10, 2020, BP 2022

□		
Specific gravity (20 degree C)		0,913
Refractive index (20 degree C)		1,468
Acid value		0,05
Absorption at 270 nm		0,51
Iodine value		77
Saponification value		192
Peroxide value		complies
Unsaponifiable Matter		0,90 %
Colour gardner		1,3
Colour lovibond 5 1/4" yellow		8,0
Colour lovibond 5 1/4" red		0,9
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)	12,3 %
Palmitoleic acid	(C 16:1)	0,9 %
Margaric acid	(C 17:0)	0,1 %
Heptadecenoic acid	(C 17:1)	0,1 %
Stearic acid	(C 18:0)	3,7 %
Oleic acid and isomers	(C 18:1)	73,2 %
Linoleic acid	(C 18:2)	7,8 %
Linolenic acid	(C 18:3)	0,6 %
Octadecatetraenoic acid	(C 18:4)	< 0,1 %
Arachidic acid	(C 20:0)	0,4 %
Eicosenoic acid	(C 20:1)	0,2 %
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 %

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<input type="checkbox"/>		
Sterols in %		
beta-sitosterol*		95,5 %
delta-7-stigmastenol		< 0,1 %
Campesterol		3,2 %
Stigmasterol		1,3 %
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

Computer edited certificate - valid without signature

A handwritten signature in black ink, appearing to read "Rožamarija Čučnik".

ROŽAMARIJA ČUČNIK MAG.FARM.  
STROKOVNI SODELAVEC

02-06-2022