

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

production date: 07/2022

expiry date: 03/2024

Country of Original: Netherland

Certificate of Analysis

26.09.2022

SESAME OIL, REFINED

lot: 1000019700

Ph.Eur.10, 2020, BP 2022

	values	target Product Specification	
		<u>min</u>	<u>max</u>
□			
Specific gravity (20 degree C)	0,920	0,915	0,923
Refractive index (20 degree C)	1,472	1,470	1,476
Acid value	0,07		0,3
Peroxide value	complies		
Iodine value	107	103	118
Saponification value	191	186	195
Unsaponifiable Matter	1,4 %		2,0
Colour gardner	0,7		
Colour lovibond 5 1/4" yellow	2,8		
Colour lovibond 5 1/4" red	< 0,1		
Alkaline impurities	complies		
Cottonseedoil	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 %		
Palmitic acid (C 16:0)	9,7 %	7,9	12,0
Palmitoleic acid (C 16:1)	0,2 %		
Margaric acid (C 17:0)	< 0,1 %		
Heptadecenoic acid (C 17:1)	< 0,1 %		
Stearic acid (C 18:0)	6,4 %	3,9	7,0
Oleic acid (C 18:1)	42,0 %	35,9	44,7
Linoleic acid (C 18:2)	40,4 %	36,0	47,9
Linolenic acid (C 18:3)	0,2 %		0,6
Octadecatetraenoic acid (C 18:4)	< 0,1 %		
Arachidic acid (C 20:0)	0,7 %		0,9
Eicosenoic acid (C 20:1)	0,2 %		0,5
Eicosanedienoic acid (C 20:2)	< 0,1 %		
Eicosanetraenoic acid (C 20:4)	< 0,1 %		
Behenic acid (C 22:0)	0,2 %		0,4
Erucic acid (C 22:1)	< 0,1 %		0,1

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Lignoceric acid	(C 24:0)	0,1 %
Nervonic acid	(C 24:1)	< 0,1 %
<input type="checkbox"/>		
Triglyceride distribution		complies
(Analysis according to Ph.Eur.)		
POO		5,2 %
POL		7,6 %
PLL		5,5 %
SOL		6,8 %
OOO		10,5 %
OOL		19,9 %
OLL		19,6 %
LLL		7,7 %
<input type="checkbox"/>		
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