

Certificate of analysis



Article	7319	Oleum Lini virginale	
Synonym		Natives Leinöl	
Synonym		Linseed oil virgin	
Batch	23003133		
Specification	Ph.Eur.11.0		
Production date	10.2023	Retest date	10.2025

Test	Specification	Result	
Characters	According to specification	Complies	
Appearance	According to specification	Complies	
Solubility	According to specification	Complies	
Relative density	Ca. 0,931	0,930	
Refractive index	Ca. 1,480	1,481	
Identification	According to specification	Complies	
Thin-layer chromatography	According to specification	Complies	
B	According to specification	Complies	
Gas chromatography	According to specification	Not carried out	
Tests	According to specification	Complies	
Acid value	Max. 4,5	1.6	
Iodine value	160 ... 200	179	
Peroxide value	Max. 15,0	1.2	
Saponification value	188 ... 195	192	#
Unsaponifiable matter	Max. 1,5 % (m/m)	< 1.5 % (m/m)	#
Cadmium	Max. 0,5 ppm	< 0.5 ppm	#
Water	Max. 0,1 %	0.0 %	#
Composition of fatty acids	According to specification	Complies	#
Fatty acids < C	Max. 1,0 %	< 0.1 %	#
Palmitic acid	3,0 ... 8,0 %	5.5 %	#
Palmitoleic acid	Max. 1,0 %	0.1 %	#
Stearic acid	2,0 ... 8,0 %	4.6 %	#
Oleic acid	11,0 ... 35,0 %	19.9 %	#
Linoleic acid	11,0 ... 24,0 %	15.6 %	#
Linolenic acid	35,0 ... 65,0 %	53.5 %	#
Arachidic acid	Max. 1,0 %	0.2 %	#

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Test	Specification	Result
Antioxidant	Menge/Name	Keine
Complies specification		Yes

Release date	11.12.2023	Released by	Frau Apoth. Dr. Schücker, QP
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Results marked with # were taken from the manufacturer's certificate.

The batch 23003133 complies specification.

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