



Article	7303	Oleum Amygdalarum raffinat.
Synonym		Raffiniertes Mandelöl
Synonym		Almond oil, refined
Batch	171765	
Specification	PH.EUR. 8.0	
Expiry date	10.2018	

Test	Specification	Result	
Characters	In accordance	Complies	
-Appearance	In accordance	Complies	
-Solubility	In accordance	Complies	
-Relative density	Ca. 0,916	0,9187	
Identification	In accordance	Complies	
-Thin-layer chromatography	In accordance	Complies	
-B	In accordance	Not carried out	
Tests	In accordance	Complies	
-Specific absorbance	0,2 - 6,0	5,45	#
-Acid value	Max 0,5	0,4	
-Peroxide value	Max 5,0	1,1	
-Unsaponifiable matter m/m	Max 0,9 %	Max 0,9 %	#
-Water	Max 0,1 %	Max 0,01 %	#
Composition of fatty acids	In accordance	Complies	#
-Saturated fatty acids chain length <C16	Max 0,1 %	Max 0,05 %	#
-Palmitic acid	4,0 - 9,0 %	6,5 %	#
-Palmitoleic acid	Max 0,8 %	0,5 %	#
-Margarinic acid	Max 0,2 %	0,1 %	#
-Stearic acid	Max 3,0 %	1,5 %	#
-Oleic acid	62,0 - 86,0 %	66,6 %	#
-Linoleic acid	20,0 - 30,0 %	24,3 %	#
-Linolenic acid	Max 0,4 %	0,2 %	#
-Arachidic acid	Max 0,2 %	0,1 %	#
-Eicosenoic acid	Max 0,3 %	0,1 %	#
-Behenic acid	Max 0,2 %	Max 0,05 %	#
-Erucic acid	Max 0,1 %	Max 0,05 %	#
Sterols	In accordance	Complies	#
-Cholesterol	Max 0,7 %	0,2 %	#



Certificate of analysis

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Test	Specification	Result	
-Campesterol	Max 5,0 %	3,6 %	#
-Stigmasterol	Max 4,0 %	2,4 %	#
-beta-Sitosterol	73,0 - 87,0 %	74,1 %	#
-delta 5-Avenasterol	Min 5,0 %	11,6 %	#
-delta 7-Avenasterol	Max 3,0 %	1,4 %	#
-delta 7-Stigmastenol	Max 3,0 %	1,1 %	#
-Brassicasterol	Max 0,3 %	0,1 %	#
Stabilizer	0,2% Tocopherole	0,2% Tocopherole	#
Complies specification	*****	Yes	

Release date 20.06.2017 Head of Quality Control Fr. Dr. Haßel.

Result taken from the manufacturer's certificate

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