

# Certificate of analysis



125 Jahre  
 Qualität aus Leidenschaft.

FARMADENT d.o.o.  
 Minarikova ul. 6  
 2000 Maribor  
 Prejel: FUJS DRAGO  
 Datum preizma: 27.7.2012  
 Pregledal: M. VOLT Robert, mag. farm., spec.  
 Datum pregleda: 30.7.2012

Article	7303	Oleum Amygdalarum raffinat.
Synonym		RAFFINIERTES MANDELÖL
Batch	12041801 ✓	
Specification	PH.EUR. 7.0	
Expiry date	07.2013 ✓	

Test	Specification	Result
Characters	In accordance	Complies
-Appearance	In accordance	Complies
-Solubility	In accordance	Complies
-Relative density	Ca. 0,916	0,917
-Freezing point	Ca. -18 °C	-18 °C
Identification	In accordance	Complies
-Thin-layer chromatography	In accordance	Complies
-B	In accordance	Complies
Tests	In accordance	Complies
-Specific absorbance	0,2 - 6,0	1,01
-Acid value	Max 0,5	0,20
-Peroxide value	Max 5,0	1,7
-Unsaponifiable matter m/m	Max 0,9 %	Max 0,9 %
-Water	Max 0,1 %	0,02 %
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 %	6,3 %
-Palmitoleic acid	Max 0,8 %	0,5 %
-Margarinic acid	Max 0,2 %	0,1 %
-Stearic acid	Max 3,0 %	1,4 %
-Oleic acid	62,0 - 86,0 %	65,6 %
-Linoleic acid	20,0 - 30,0 %	25,5 %
-Linolenic acid	Max 0,4 %	0,1 %
-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 %	0,4 %



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Expiry date	07.2013 ✓	

Test	Specification	Result
-Campesterol	Max 5,0 %	4,2 %
-Stigmasterol	Max 4,0 %	2,6 %
-beta-Sitosterol	73,0 - 87,0 %	75,3 %
-delta 5-Avenasterol	Min 5,0 %	11,0 %
-delta 7-Avenasterol	Max 3,0 %	1,5 %
-delta 7-Stigmastenol	Max 3,0 %	1,3 %
-Brassicasterol	Max 0,3 %	Max 0,05 %
Stabilizer	0,2% Tocopherole	0,2% Tocopherole
Complies specification	*****	Yes

Release date 24.02.2012 Head of Quality Control Fr. Dr.Haßel

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