

## CERTIFICATE OF ANALYSIS

Batch: 21D21-A100101543

Product: Amygdalae Oleum Raffinatum Ph. Eur. 1L

Retest date: 02 JUL 2022

Analyzed according to Ph. Eur. 01/2010:1064

### PERFORMED ANALYSIS AND RESULTS

Analysis	Specification	Result	Remark
Appearance	Pale yellow, clear liquid	CONFORM	
Relative density	About 0,916	0,915	Data producer
Identification A	CONFORM	CONFORM	TLC, Data producer
Identification B	CONFORM	CONFORM	Composition of fatty acids, Data producer
Specific absorbance	0.2 - 6.0	CONFORM	270 nm, Data producer
Acid value	< = 0,5	0,07	Data producer
Peroxide value	< = 5,0	0,80	Data producer
Unsaponifiable matter	< = 0,90 %	0,66 %	Data producer
Composition of fatty acids	CONFORM	CONFORM	GC, Data producer
Saturated fatty acids of chain length less than C16	<=0,10 %	0,06 %	Data producer
Palmitic acid	4,00 – 9,00 %	6,23 %	Data producer
Palmitoleic acid	< = 0,80 %	0,46 %	Data producer
Margaric acid	< = 0,20 %	0,09 %	Data producer
Stearic acid	< = 3,00 %	1,96 %	Data producer
Oleic acid	62,00 - 86,00 %	65,98 %	Data producer
Linoleic acid	20,00 - 30,00 %	24,50 %	Data producer
Linolenic acid	< = 0,40 %	0,30 %	Data producer
Arachidic acid	< = 0,20 %	0,13 %	Data producer
Eicosenoic acid	< = 0,30 %	0,19 %	Data producer
Behenic acid	< = 0,20 %	0,09 %	Data producer
Erucic acid	< = 0,10 %	< 0,10 %	Data producer
Sterols	CONFORM	CONFORM	Data producer
Cholesterol	< = 0,70 %	0,16 %	Data producer

Campesterol	< = 5,00 %	3,18 %	Data producer
Stigmasterol	< = 4,00 %	2,69 %	Data producer
$\beta$ -sitosterol	73,00 - 87,00 %	77,77 %	Data producer
$\Delta$ 5-avenasterol	< = 5,00 %	7,41 %	Data producer
$\Delta$ 7-stigmastenol	< = 3,00 %	0,74 %	Data producer
$\Delta$ 7-avenasterol	< = 3,00 %	0,99 %	Data producer
Brassicasterol	< = 0,30 %	< 0,30 %	Data producer
Water	< = 0,1 %	CONFORM	Data producer

**RELEASE:**

Conclusion: Conform

Date: 29 APR 2021

**BATCH RELEASED BY:**

X. Van Eecke

Head of QA - Responsible Pharmacist

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