

CERTIFICATE OF ANALYSIS

Batch: 25B11-H100105324

Product: Amygdalae Oleum Raffinatum Ph. Eur. – Amandelolie, geraffineerd – Huile d'amande raffinée – 1L

Production date: 11 FEB 2025

Expiry date: 05 JAN 2027

Analysed according to: Ph. Eur. 11.0

Analysis performed on: 17 FEB 2025

PERFORMED ANALYSIS AND RESULTS

Analysis	Specification	Result
Appearance		
Appearance	Pale yellow, clear liquid. Slightly soluble in ethanol 96%, miscible with light petroleum	Complies
Identifications		
Identification A	Complies	Complies
Identification B	Complies	Complies
Other tests		
Relative density	About 0.916	0.918
Freezing point	About -18	-18 °C
Specific absorbance	0.2 – 6.0	1.4
Acid value	Max 0.5	0.4
Peroxide value	Max 5.0	1.9
Unsaponifiable matter	Max 0.9	0.2%
Composition of fatty acids	Complies	Complies
Saturated fatty acids of chain length less than C16	Max 0.1	<0.05%
Palmitic acid	4.0 – 9.0	5.6%
Palmitoleic acid	Max 0.8	<0.05%
Margaric acid	Max 0.2	<0.05%
Stearic acid	Max 3.0	2.4%
Oleic acid	62.0 – 86.0	68.7%
Linoleic acid	20.0 – 30.0	22.4%
Linolenic acid	Max 0.4	0.1%
Arachidic acid	Max 0.2	0.2%
Eicosenoic acid	Max 0.3	0.1%
Behenic acid	Max 0.2	0.2%
Erucic acid	Max 0.1	<0.05%
Sterols	Complies	Complies
Cholesterol	Max 0.7	0.4%
Campesterol	Max 5.0	3.7%

Stigmasterol	Max 4.0	1.8%
Beta sitosterol	73.0 – 87.0	79.4%
Delta-5-avenasterol	Min 5.0	11.8%
Delta-7-stigmasterol	Max 3.0	0.1%
Delta-7-avenasterol	Max 3.0	<3.0%
Brassicasterol	Max 0.3	<0.3%
Water	Max 0.1	0.03%

Conclusion:

The batches comply with the specifications of the performed analysis and is thereby released.

BATCH RELEASED BY:

Dr. Apr. Ammar Kurdi

Responsible Pharmacist

Release date:

05 MAART 2025

