E K O C E N T R U M O V A L A B, s.r.o.
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Certificate of Analysis No. G 1660

Analysis required by : HeW Pharma BV, Vaartkaai 52F, 2170 Merksem, Belgium

Sample delivery date: 8/24/2026 Analysis finalization date: 9/7/2026

Purchase Order: **21.8.2026**
Sample description: **Almond oil, refined Ph.Eur.**
Batch No.: **26H19-H100106134 (batch no. Hew Pharma), 170788 (batch no. supplier)**
Specification: **Ph. Eur. 12.3**

Results:

Test	Limit	Found	Unit	Method
Appearance	Pale yellow, clear liquid. Slightly soluble in ethanol (96 per cent), miscible with light petroleum.	**complies**		Visually
Relative density		**0,918**		Ph. Eur. 2.2.5
Freezing point		**-22,7**	**°C**	Ph. Eur. 2.2.18
Identification A	complies	**complies**		Ph. Eur. 2.3.2
Identification B	complies	**complies**		Ph. Eur. 2.4.22
Specific absorbance	0,2 - 6,0	**4,3**		Ph. Eur. 2.2.25
Acid value	max. 0,5	**0,3**		Ph. Eur. 2.5.1
Peroxide value	max. 5,0	**3,2**		Ph. Eur. 2.5.5
Unsaponifiable matter	max. 0,9	**0,3**	**%**	Ph. Eur. 2.5.7
Composition of fatty acids	complies	**complies**		Ph. Eur. 2.4.22
Saturated fatty acids of chain length less than C16	max. 0,1	**<0,05**	**%**	Ph. Eur. 2.4.22
Palmitic acid	4,0 - 9,0	**5,1**	**%**	Ph. Eur. 2.4.22
Palmitoleic acid	max. 0,8	**0,3**	**%**	Ph. Eur. 2.4.22
Margaric acid	max. 0,2	**<0,05**	**%**	Ph. Eur. 2.4.22
Stearic acid	max. 3,0	**1,6**	**%**	Ph. Eur. 2.4.22
Oleic acid	62,0 - 86,0	**68,6**	**%**	Ph. Eur. 2.4.22
Linoleic acid	20,0 - 30,0	**24,2**	**%**	Ph. Eur. 2.4.22
Linolenic acid	max. 0,4	**0,2**	**%**	Ph. Eur. 2.4.22
Arachidic acid	max. 0,2	**<0,05**	**%**	Ph. Eur. 2.4.22
Eicosenoic acid	max. 0,3	**<0,05**	**%**	Ph. Eur. 2.4.22
Behenic acid	max. 0,2	**<0,05**	**%**	Ph. Eur. 2.4.22
Erucic acid	max. 0,1	**<0,05**	**%**	Ph. Eur. 2.4.22
Sterols	complies	**complies**		Ph. Eur. 2.4.23
Cholesterol	max. 0,7	**<0,7**	**%**	Ph. Eur. 2.4.23
Campesterol	max. 5,0	**3,0**	**%**	Ph. Eur. 2.4.23
Stigmasterol	max. 4,0	**1,1**	**%**	Ph. Eur. 2.4.23
Beta sitosterol	73,0 - 87,0	**86,4**	**%**	Ph. Eur. 2.4.23
Delta-5-avenasterol	min.5,0	**8,6**	**%**	Ph. Eur. 2.4.23
Delta 7-stigmastenol	max. 3,0	**1,0**	**%**	Ph. Eur. 2.4.23
Delta-7-avenasterol	max. 3,0	**<3,0**	**%**	Ph. Eur. 2.4.23
Brassicasterol	max. 0,3	**<0,3**	**%**	Ph. Eur. 2.4.23
Water	max. 0,1	**0,1**	**%**	Ph. Eur. 2.5.32

Responsible persons : Pavelka Jiří,Valeriánová Zuzana
Edited by: Šimůnková Jana

CONCLUSION : The sample complies with the specifications of the performed analysis.

Ostrava, 9/8/2026 Head of the laboratory: Ing. Jiří Pavelka

Distribution list:
1x HeW Pharma BV
1x Laboratory EKOCENTRUM OVALAB, s.r.o.