



## Certificate of Analysis

**Productname:** Amygdalae oleum raffinatum

**Inspection No:** K08398/1123/536  
**Batchnumber:** 23I29-T02-109224  
**Expiration date:** 28.02.2025  
**Analysed according to:** ČL 2017, Ph.Eur.11.0  
**Original Manuf. Date:** 28.2.2023

**Sample Unit:** 1 x 25 ml  
**Batch Size:** 285 x 1 l

**Identification of producer:** V00225  
**Batch no. of vendor:** 162941

	Requirement	Result	Unit	Standard remark	Insp. Site
CHARACTERS					
Appearance	Pale yellow, clear liquid.	Conform			Fagron CZ
Solubility	Conform	Conform			Fagron CZ
Relative density	About 0,916	0,919			Fagron CZ
Temperature of solidification	About -18	-18	°C		Fagron CZ
IDENTIFICATION					
Identification A	Conform	Conform		TLC	Fagron CZ
Identification B	Conform	Conform		Composition of fatty acids	Contract Lab
TESTS					
Specific absorbance	0,2 - 6,0	2,3			Fagron CZ
Acid value	<=0,5	0,4			Fagron CZ
Peroxide value	<=5,0	1,8			Fagron CZ
Unsaponifiable matter	<=0,9	0,3	%		Fagron CZ
Composition of fatty acids	Conform	Conform		GC	Contract Lab
Saturated fatty acids <C16	<=0,1	<0,05	%		Contract Lab
Palmitic acid	4,0 - 9,0	6,5	%		Contract Lab
Palmitoleic acid	<=0,8	0,5	%		Contract Lab
Margaric acid	<=0,2	0,1	%		Contract Lab
Stearic acid	<=3,0	1,5	%		Contract Lab
Oleic acid	62,0 - 86,0	66,0	%		Contract Lab
Linoleic acid	20,0 - 30,0	23,8	%		Contract Lab
Linolenic acid	<=0,4	0,1	%		Contract Lab
Arachidic acid	<=0,2	0,2	%		Contract Lab
Eicosenoic acid	<=0,3	0,1	%		Contract Lab
Behenic acid	<=0,2	<0,05	%		Contract Lab
Erucic acid	<=0,1	<0,05	%		Contract Lab
Sterols	Conform	Conform			Contract Lab
Cholesterol	<=0,7	0,2	%		Contract Lab
Campesterol	<=5,0	3,0	%		Contract Lab
Stigmasterol	<=4,0	1,7	%		Contract Lab
Beta-sitosterol	73,0 - 87,0	75,0	%		Contract Lab
Delta 5-avenasterol	>=5,0	14,1	%		Contract Lab
Delta 7-avenasterol	<=3,0	1,0	%		Contract Lab
Delta 7-stigmasterol	<=3,0	2,6	%		Contract Lab
Brassicasterol	<=0,3	<0,3	%		Contract Lab

**Name** Fagron a.s. (CZ)  
 Kontrolní laboratoř č. 536

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Water	<=0,1	0,01	%	Contract Lab
Microbiology	Conform	Conform		Contract Lab
TAMC	<=2 x 10 <sup>3</sup>	<10	CFU/g	Contract Lab
TYMC	<=2 x 10 <sup>2</sup>	<10	CFU/g	Contract Lab
TSE/BSE	No contamination with TSE/BSE-risk materials.	Conform		Data Producer
Residual solvents	CPMP/ICH/82 260/2006	Conform		Data Producer
Metallic residues	ICH Q3D on elemental impurities	Conform		Data Producer

Quality: Excipient

**Performed by:** Ludmila Burianová

**Responsible:** Mgr. Zdeňka Šinclová, QC  
MVDr. Zdenka Borská, QP

**Date:** 09.11.2023

**Conclusion:** **APPROVED**

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