

## Certificate of Analysis

**Productname:** Lavandulae etheroleum

**Inspection No:** I04096/0521/536  
**Batchnumber:** 21D06-T03-084275  
**Expiration date:** 28.03.2024  
**Analysed according to:** ČL 2017-Dopl.2018,Ph.Eur.10.0  
**Original Manuf. Date:** 29.3.2021

**Sample Unit:** 1 x 1 ml  
**Batch Size:** 317 x 100 ml

**Identification of producer:** V00201  
**Batch no. of vendor:** 1252709

	Requirement	Result	Unit	Standard remark	Insp. Site
<b>CHARACTERS</b>					
Appearance	Colourless or pale yellow, clear liquid.	Conform			Fagron CZ
Odour	Complex, reminiscent of linalyl acetate.	Conform			Fagron CZ
<b>IDENTIFICATION</b>					
Identification B	Conform	Conform		Chromatographic profile	Contract Lab
<b>TESTS</b>					
Relative density	0,878 - 0,892	0,884			Fagron CZ
Refractive index	1,455 - 1,466	1,460			Fagron CZ
Optical rotation	-12,5 - -6,0	-8,7	°		Fagron CZ
Acid value	<=1,0	0,32			Fagron CZ
Chromatographic profile	Conform	Conform		GC	Contract Lab
limonene	<=1,0	0,2	%		Contract Lab
1,8-cineole	<=2,5	1,1	%		Contract Lab
3-octanone	0,1 - 5,0	0,5	%		Contract Lab
camphor	<=1,2	0,2	%		Contract Lab
linalol	20,0 - 45,0	38,9	%		Contract Lab
linalyl-acetate	25,0 - 47,0	33,2	%		Contract Lab
terpinen-4-ol	0,1 - 8,0	3,7	%		Contract Lab
lavandulyl-acetate	>=0,2	2,5	%		Contract Lab
lavandulol	>=0,1	1,3	%		Contract Lab
alfa-terpineol	<=2,0	0,7	%		Contract Lab
Chiral purity	Conform	Conform		GC	Contract Lab
(S)-linalol	<=12	2,5	%		Contract Lab
(S)-linalyl acetate	<=1	0,8	%		Contract Lab
Microbiology	Conform	Conform			Contract Lab
TYMC	<=2 x 10 <sup>2</sup>	Conform	CFU/g		Contract Lab
TAMC	<=2 x 10 <sup>3</sup>	Conform	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

<b>Name</b>	Fagron a.s. (CZ)	<b>Address</b>	Holická 1098/31m, Olomouc	<b>Phone No.</b>	+420585222590
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**Performed by:** Lucie Kubáňová DiS.  
**Responsible:** Ing. Pavel Mišák, QC  
PharmDr. Ivana Urbánková, QA  
**Date:** 09.06.2021  
**Conclusion:** **APPROVED**

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