



Article	G464	Oleum Lavandulae	
Synonym		Lavendelöl	
Synonym		Lavender oil	
Batch	24000234		
Specification	Ph.Eur.11.1		
Production date	01.2024	Retest date	01.2027

Test	Specification	Result
Characters	According to specification	Complies
Appearance	According to specification	Complies
Odour	According to specification	Complies
Identification	According to specification	Complies
Thin-layer chromatography	According to specification	Complies
Gas chromatography	According to specification	Complies
Tests	According to specification	Complies
Relative density	0.878 ... 0.892	0.884
Refractive index	1.455 ... 1.466	1.461
Optical rotation	-12.5 ... -6.0	-8.1 °
Acid value	Max. 1.0	0.5
Chromatographic profile	According to specification	Complies
Limonene	Max. 1.0 %	0.3 %
1,8-Cineole	Max. 2.5 %	1.2 %
3-Octanone	0.1 ... 5.0 %	0.8 %
Camphene	Max. 1.2 %	0.4 %
Linalol	20.0 ... 45.0 %	31.1 %
Linalyl acetate	25.0 ... 47.0 %	33.9 %
Terpinen-4-ol	0.1 ... 8.0 %	4.4 %
Lavandulyl acetate	Min. 0.2 %	3.3 %
Lavandulol	Min. 0.1 %	1.1 %
Alpha-Terpineol	Max. 2.0 %	0.8 %
Chiral purity	According to specification	Complies
(S)-Linalol	Max. 12 %	1 %
(S)-Linalyl acetate	Max. 1 %	< 1 %
Fatty oils and resinified ess. oils	According to specification	Complies

## Certificate of analysis



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Test	Specification	Result
Heavy metals	According to specification	Complies
Lead	Max. 5.0 ppm	0.0 ppm
Cadmium	Max. 1.0 ppm	0.0 ppm
Mercury	Max. 0.1 ppm	0.0 ppm
Pesticide residues	According to specification	Complies
Aflatoxins	According to specification	Complies
Microbiological quality	According to specification	Complies
TAMC (CFU/g)	Max. 200 CFU/g	< 100 CFU/g
TYMC (CFU/g)	Max. 20 CFU/g	< 10 CFU/g
Escherichia coli	Max. 0 CFU/g	0 CFU/g
Salmonella	Max. 0	0 KBE/10g
Staphylococcus aureus	Max. 0 CFU/g	0 CFU/g
Pseudomonas aeruginosa	Max. 0 CFU/g	0 CFU/g
Gram-negative bacteria that tolerate bile salts	Max. 0 CFU/g	0 CFU/g
Complies specification		Yes

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Release date	19.03.2024	Released by	Frau Apoth. Dr. Schücker, QP
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Results marked with # were taken from the manufacturer's certificate.

The batch 24000234 complies specification.

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