

Certificate of Analysis

Productname: **Oleum Lavandula angustifolia**
Lavender Oil

Origin: France
Lot: 175
Date of analysis: 12.09.2023

Analysis: GC-MS
Conditions: Column: 100% Polyethylenglycol (polar), 60 m, 0,25 µm id
Apparature: Perkin Elmer Clarus 680 GC-MS
Carrier gas: Helium
Detector: MS, scan mode

Component	Area percent (%)
3-Methyl-2-pentanol	0,03
α-Pinene	0,18
α-Thujene	0,09
Camphene	0,13
Butylacetate	0,02
β-Pinene	0,07
Sabinene	0,03
delta-3-Carene	0,07
β-Myrcene	0,38
α-Phellandrene	0,04
α-Terpinene	0,03
Limonene*	0,20
1.8-Cineol	0,46
Butylbutyrate	0,08
cis-β-Ocimene	4,41
γ-Terpinene	0,16
tr-β-Ocimene	2,61
3-Octanon	0,81
p-Cymene	0,04
Hexylacetate	0,41
Terpinolene	0,05
Octylacetate	0,09
Butylpropionate	0,02
Hexylisobutyrate	0,04
1-Hexanol	0,03
allo-Ocimene	0,06
1-Octen-3-yl-acetate	0,76
Octanol	0,10
Undecatriene	0,04

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Hexylbutyrate	0,29
Hexylmethylbutyrate	0,02
tr-Linalooloxide	0,16
1-Octen-3-ol	0,21
cis-Sabinenhydrat	0,04
cis-Linalooloxide	0,13
Camphor	0,18
Zingiberene	0,02
Linalool*	31,83
Linalylacetate	33,77
cis- α -Bergamotene	0,03
α -Santalene	0,45
Bornylformate	0,04
Bornylacetate	0,21
β -Caryophyllene	3,96
Terpinen-4-ol	5,09
Lavandulylacetate	4,06
α -Farnesene	0,02
Hexyltiglate	0,03
β -Farnesene	0,01
β -Farnesene	0,04
tr- β -Farnesene	1,80
Humulene	0,10
Lavandulol	1,11
Crypton	0,18
α -Terpineol	0,63
endo-Borneol	0,94
Germacrene D	0,32
Nerylacetate	0,27
n-Hexylhexanoate	0,02
trans-Linalooloxide (furanoid)	0,02
Geranylacetate	0,51
γ -Cadinene	0,40
Cumic aldehyde	0,06
Nerol	0,10
tr-Calamenene	0,02
Geraniol*	0,36
p-Cymen-8-ol	0,04
Caryophyllenoxide	0,28
Caryophyllenoxide	0,05
Epicubenol	0,04
Cuminalcohol	0,02
Hexahydrofarnesylacetone	0,02

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tau-Cadinol	0,37
Curcumenol	0,09

** according to „Kosmetikverordnung“ naturally contained ingredients to declare*

*** according to „Kosmetikverordnung“ naturally contained, limited ingredients*

The identification of components relies on the comparison between retention times, data base search and in-house experience.

The area percentage result from the proportion of the sum of all peak areas in the chromatogram.

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This document has been draw up to the best of our knowledge and is provided without any guarantee of correctness.

