



SPIKE LAVENDER ESSENTIAL OIL - TECHNICAL DATA SHEET

SPECIFICATIONS:

CAS	84837-04-7
EINECS	284-290-6
FEMA	3033
REACH	01-2120765575-43-0005

BOTANICAL NAME	Lavandula Latifolia F. Medik.
INCI NAME	Lavandula Latifolia Herb Oil.
ORIGIN	Organic.
PART OF THE PLANT USED	Flowers.
METHOD OF EXTRACTION	Steam distillation.

ORGANOLEPTIC PROPERTIES:

ASPECT	Clear liquid.
COLOR	Pale yellow to Orange yellow.
ODOR	Characteristic, wild, camphoraceous.

PHYSICAL - CHEMICAL PROPERTIES:

	<u>MIN</u>	<u>MAX</u>
RELATIVE DENSITY at 20 °C (g/ml)	0,894	0,907
REFRACTIVE INDEX at 20 °C	1,461	1,468
OPTICAL ROTATION at 20 °C	-7°	+2°
FLASH POINT (mean value)	60 °C	

Miscibility at 20 °C: It shall not be necessary to use more than 3 volumes of ethanol, 70%, to obtain a clear solution with 1 volume of essential oil.



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STORAGE CONDITIONS:

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

CHEMICAL COMPONENTS (%)	MIN	MAX
Limonene	0,5	3
1,8 - Cineole	16	39
Camphor	8	16
Linalool	34	50
Linalyl Acetate	-	1,6
<i>Trans</i> - α - Bisabolene	0,4	2,5
α - Terpineol	0,2	2

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