

PRODUCT Lavender Oil Ph. Eur.

CAS no. 8022-15-9

DEFINITION Essential oil obtained by steam distillation from the flowering tops of *Lavandula angustifolia* Mill. (*Lavandula officinalis* Chaix).

CHARACTERISTICS Colourless to pale yellow, clear, mobile liquid. Floral, herbaceous, complex, reminiscent of linalyl acetate odour.

TEST	SPECIFICATION	
Identification	Conforms to Ph. Eur. tests	
Relative density	0.878 to 0.892	
Refractive index	1.455 to 1.466	
Optical rotation	-12.5° to - 6.0°	
Acid value	Maximum 1.0	
Chiral purity	Maximum 12.0% of (S)-linalol Maximum 1.0% of (S)-linalyl	
Chromatographic profile	limonene	Maximum 1.0%
	1,8-cineole	Maximum 2.5%
	3-octanone	0.1% to 5.0%
	camphor	Maximum 1.2%
	linalol	20.0% to 45.0%
	linalyl acetate	25.0% to 47.0%
	terpinen-4-ol	0.1% to 8.0%
	lavandulyl acetate	Minimum 0.2%
	lavandulol	Minimum 0.1%
	α-terpineol	Maximum 2.0%

ENQUIRY