



LAVANDIN GROSSO ESSENTIAL OIL - TECHNICAL DATA SHEET

SPECIFICATIONS:

CAS	91722-69-9
EINECS	294-470-6
FEMA	2618
REACH	01-2120736147-55-0129
BOTANICAL NAME	Lavandula Hybrida var. Grosso.
OTHER NAMES	Lavandin Grosso Spain oil.
INCI NAME	Lavandula Hybrida Grosso Herb Oil.
ORIGIN	Organic.
PART OF THE PLANT USED	Leaves and flowers.
METHOD OF EXTRACTION	Steam distillation.

ORGANOLEPTIC PROPERTIES:

ASPECT	Clear mobile liquid.
COLOR	Light yellow.
ODOR	Characteristic, slightly camphoraceous, lavender-like.

PHYSICAL - CHEMICAL PROPERTIES:

	MIN	MAX
RELATIVE DENSITY at 20 °C (g/ml)	0.891	0.899
REFRACTIVE INDEX at 20 °C	1.458	1.462
OPTICAL ROTATION at 20 °C	-7°	-3°
FLASH POINT	75 °C	78 °C

Miscibility at 20°C: It shall not be necessary to use more than 3 volumes of 70% (volume fraction) ethanol 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 and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

CHEMICAL COMPONENTS (%)	MIN	MAX
Myrcene	0,3	1,5
Limonene	0,5	1,5
1,8 - Cineole	3	8
<i>cis</i> - β - Ocimene	0,5	1,5
<i>Trans</i> - β - Ocimene	-	1
Linalool	30	45
Camphor	3,5	8,5
Borneol	1,5	5
Lavandulol	0,2	1
Terpinen - 4 - ol	1,5	5
α - Terpineol	0,3	1,3
Hexyl Butirate	0,3	0,8
Linalyl Acetate	20	40
Lavandulyl Acetate	1,5	3,5