



## TECHNICAL DATA SHEET

### Product: MARJORAM SPAIN ESSENTIAL OIL

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#### SPECIFICATIONS:

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CAS	84837-14-9
EINECS	284-294-8
FEMA	
BOTANICAL NAME	Thymus Mastichina, L.
INCI NAME	Thymus Mastichina Herb Oil.
ORIGIN	Organic.
PART OF THE PLANT USED	Flowers.
METHOD OF EXTRACTION	Steam distillation.

#### ORGANOLEPTIC PROPERTIES:

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ASPECT	Liquid.
COLOR	Almost colorless to pale yellow.
ODOR	Characteristic, cineolic, spicy.

#### PHYSICAL - CHEMICAL PROPERTIES: \*

	MIN	MAX
RELATIVE DENSITY at 20 °C (g/ml)	0,890	0,920
REFRACTIVE INDEX at 20 °C	1,460	1,470
OPTICAL ROTATION at 20 °C	-4°	+6°
FLASH POINT, mean value(s)	59 °C	

#### STORAGE CONDITIONS:

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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.



CAS nº	CHEMICAL COMPONENTS *	MIN %	MAX 5
80-56-8	$\alpha$ - Pinene	1	4,5
127-91-3	$\beta$ - Pinene	2	5
138-86-3	Limonene	1	6
470-82-6	1,8 - Cineole	30	68
78-70-6	Linalool	3	48
76-22-2	Camphor	0,1	2
7299-42-5	$\delta$ - Terpineol	0,2	2
464-45-9	Borneol	0,1	1,8
562-74-3	Terpinene - 4 - ol	0,2	1,2
115-95-7	Linalyl Acetate	0,2	4
87-44-5	$\beta$ - Caryophyllene	0,5	1,5
10482-56-1	$\alpha$ - Terpineol	1	5

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*\*Our products being 100% pure & natural, one or more values could vary from the theoretical intervals.*