



TECHNICAL DATA SHEET

Product: RED THYME ESSENTIAL OIL

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SPECIFICATIONS:

CAS	85085-75-2
EINECS	285-397-0
FEMA	3064
REACH	01-2120768771-44-0006
BOTANICAL NAME	Thymus Zygis, L.
INCI NAME	Thymus Zygis Herb Oil.
ORIGIN	Organic.
PART OF THE PLANT USED	Flowers.
METHOD OF EXTRACTION	Steam distillation.

ORGANOLEPTIC PROPERTIES:

ASPECT	Liquid (volatile).
COLOR	Yellow to red.
ODOR	Aromatic, phenolic, slightly spicy.

PHYSICAL - CHEMICAL PROPERTIES: *

	MIN	MAX
RELATIVE DENSITY at 20 °C (g/ml)	0,910	0,937
REFRACTIVE INDEX at 20 °C	1,494	1,504
OPTICAL ROTATION at 20 °C	-6°	0°
FLASH POINT, mean value(s)	60 °C	

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.

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CAS nº	CHEMICAL COMPONENTS *	MIN %	MAX %
80-56-8	α - Pinene	0,5	2,5
2867-05-2	α - Thujene	0,5	1,5
123-35-3	β - Myrcene	1	2,8
99-86-5	α - Terpinene	0,9	2,6
99-85-4	γ - Terpinene	4	13
99-87-6	p - Cymene	14	28
78-70-6	Linalool	0,5	6,5
562-74-3	Terpinene - 4 - ol	0,1	2,5
89-83-8	Thymol	35	55
499-75-2	Carvacrol	0,5	5,5
87-44-5	β - Caryophyllene	0,5	4
546-79-2	Trans - Sabinene Hydrate (Thujanol)	-	0,5
6379-73-3	Methyl Carvacrol Ether	0,1	1,5

UNE-ISO 19817_June 2020

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