



Technical Data Sheet

Red Thyme Essential Oil

Specifications

Product:	Red Thyme Essential Oil.
Synonyms:	Thyme, <i>Thymus zygis</i> , ext.
Plant of origin:	<i>Thymys zygis</i> , L.
Part of the plant:	Flowering plant.
Method of extraction:	Steam distillation.
CAS:	85085-75-2 / 8007-46-3
EC-No:	285-397-0
FEMA:	3064
Registration number (REACH):	01-2120768771-44-0006

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	



CAS	Substance	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	1.0	2.8
99-86-5	α - Terpinene	0.9	2.6
99-85-4	γ - Terpinene	4.0	13.0
99-87-6	p - Cymene	14.0	28.0
78-70-6	Linalool	0.5	6.5
562-74-3	Terpinene - 4 - ol	0.1	2.5
89-83-8	Thymol	35.0	55.0
499-75-2	Carvacrol	0.5	5.5
87-44-5	β - Caryophyllene	0.5	4.0
546-79-2	Trans - Sabinene Hydrate (Thujanol)	-	0.5
6379-73-3	Methyl Carvacrol Ether	0.1	1.5

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

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.