



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Product Information

Product Name	Red Thyme Essential Oil
Botanical Name	<i>Thymus vulgaris</i> L.
INCI Name	Thymus Vulgaris Oil
CAS No.	8007-46-3
EC No.	616-910-1
Plant Part Used	Flowering Tops and Leaves
Extraction Method	Steam Distillation
Chemotype	Thymol (Red Thyme)
Country of Origin	Spain / Morocco
Appearance	Clear mobile liquid
Colour	Pale yellow to reddish brown
Odour	Strong herbal, warm, spicy, phenolic, characteristic
Batch No.	RTEO-2026-001

Physical & Chemical Analysis

Parameter	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Pale yellow to reddish brown	Conforms
Odour	Characteristic	Conforms
Relative Density (20°C)	0.900 – 0.940	0.917
Refractive Index (20°C)	1.490 – 1.510	1.502
Optical Rotation (20°C)	-5° to +5°	-1.2°
Solubility	Soluble in ethanol	Conforms

Typical GC Analysis

Component	Typical Content (%)
Thymol	35.0 – 60.0



Component	Typical Content (%)
<i>p</i> -Cymene	10.0 – 25.0
γ -Terpinene	5.0 – 15.0
Carvacrol	1.0 – 8.0
Linalool	0.5 – 4.0
β -Myrcene	0.5 – 2.5
α -Pinene	0.2 – 2.0
Terpinen-4-ol	0.2 – 2.0

The composition is representative of authentic Red Thyme (thymol chemotype) essential oil.

Quality Declaration

- 100% Pure & Natural Essential Oil
- Steam distilled
- No synthetic fragrance ingredients added
- No carrier oils
- Non-GMO
- Suitable for professional perfumery, cosmetic and aromatherapy applications

Storage

Store in tightly closed containers in a cool, dry place away from direct sunlight.

Authorised by

Fozia Khot
Director
Aromology Trading LLC