

TECHNICAL DATA SHEET

Thyme Organic Essentiële olie

Product: THYME ORGANIC OIL
Botanical Name: Thymus vulgaris
INCI: Thymus vulgaris (Thyme) Flower/ Leaf Oil
CAS Number: 8007-46-3 ; 84929-51-1 ; 85085-75-2
EINECS Number: 283-634-2
Fema: 3064

Part used: Leaves and Tops
Extraction method: Steam Distilled Essential Oil
Country of Origin: Spanje
Quality: 100% Pure and Natural

PROPERTIES

Appearance: Pale yellow to reddish brown colored liquid
Odour: Fresh, green, diffusive, sweet-herbaceous aroma
Refractive Index: 1.490 - 1.510 @ 20°C
Specific Gravity (g/mL): 0.908 - 0.937 @ 20°C
Optical Rotation: -6° to +4°
Solubility: Soluble in alcohols and fixed oils; Insoluble in water

SPECIFICATIONS

MICROBIAL ANALYSIS

Aerobic Mesophilic Bacterial Count	<100 CFU/g	ISO 21149
Yeast and Mould	< 10 CFU/g	ISO 16212
Candida albicans	Absent/ 1g	ISO 18416
Escherichia coli	Absent/ 1g	ISO 21250
Pseudomonas aeruginosa	Absent/ 1g	ISO 22717
Staphylococcus aureus	Absent/ 1g	ISO 22718

SPECIFICATIONS STANDARDS

HEAVY METAL TESTS

Lead (Pb)	< 10 ppm
Arsenic (As)	< 2 ppm
Mercury (Hg)	< 1 ppm

SPECIFICATIONS

STABILITY AND STORAGE

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

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