



**GALILEO**

ESSENTIAL OILS & MORE

# THYME

Specifications



## General Specification

Product Name	Thyme (Steam Distillation – Egyptian – Galileo)
Botanical Name	Thymus Vulgaris
Botanical Family	Lamiaceae
Description	Essential Oil Obtained from Leaves & Flowering tops of Thymus Vulgaris
Status	Organic
Manufacturer	GMS TRADE
Harvest Season	Apr - Aug

## Physical Specification

Parameter	Requirement	Test Method
Appearance	Clear - Pale yellow	Visual
Odor	Strong – Herbal – Spicy	Organoleptic
Taste	Spicy - Bitter	Organoleptic
Solubility	Insoluble in water - Soluble in alcohol & oils	Visual
Specific Gravity	0.910 – 0.940 @ 20°C	ASTM D4052
Specific Refractive	1.490 – 1.505 @ 20°C	ASTM D1218

## Chemical Specification

Primary Constituents	Thymol	
Parameter	Requirement %	Test Method
Thymol	30 – 50	GC-MS
p-Cymene	15 – 25	GC-MS
γ-Terpinene	5 – 15	GC-MS
Carvacrol	1 – 10	GC-MS
Linalool	1 – 7	GC-MS

## Key Applications & Benefits

Property	Usage	Advantage
Primary Profile	Hormonal health Respiratory health - Fight infections & boost immunity	Immune support & antimicrobial Antiseptic & expectorant
Skin Care Profile	Acne & blemish control	Antibacterial properties
Hair Care Profile	Scalp health & dandruff control	Improves blood circulation

