



**GALILEO**

ESSENTIAL OILS & MORE

# ROSEMARY

Specifications



## General Specification

Product Name	Rosemary (Steam Distilled – Egyptian – Galileo)
Botanical Name	Rosmarinus officinalis L.
Botanical Family	Lamiaceae
Description	Essential Oil Obtained from Leaves or Flowering Tops
Status	Organic
Manufacturer	GMS TRADE
Harvest Season	Mar - Jun

## Physical Specification

Parameter	Requirement	Test Method
Appearance	Clear – Mobile liquid	Visual
Odor	Pale yellow to colorless	Organoleptic
Taste	Pungent – Woody	Organoleptic
Solubility	Fat soluble, not dissolve in water alone	Visual
Optical Rotation	-5° to +10°	Visual
Specific Gravity	0.894 – 0.920 @ 20°C	ASTM D4052
Specific Refractive	1.464 – 1.476 @ 20°C	ASTM D1218

## Chemical Specification

Primary Constituents	1,8-Cineole (Eucalyptol), $\alpha$ -Pinene, Camphor	
Parameter	Requirement %	Test Method
1,8-Cineole (Eucalyptol)	40 – 55	GC-MS
$\alpha$ -Pinene	10 – 25	GC-MS
Camphor	5 – 15	GC-MS
Camphene	2 – 10	GC-MS
$\beta$ -Myrcene	1 – 5	GC-MS

## Key Applications & Benefits

Property	Usage	Advantage
Primary Profile	Respiratory support - Mental clarity - Digestive aid	Antioxidant properties Carminative & antispasmodic
Skin Care Profile	Purify skin reduce acne - Improve circulation	Soothing Anti-inflammatory - Antioxidant protection
Hair Care Profile	Treatment for the scalp - Promotes hair growth	Stimulates follicles

