



GALILEO

ESSENTIAL OILS & MORE

SPEARMINT

Specifications



General Specification

Product Name	Spearmint Oil (Steam distillation – Egyptian – Galileo)
Botanical Name	Mentha Viridis
Botanical Family	Lamiaceae
Description	Essential Oil Obtained from Leaves & Flowering Tops of Mentha Viridis
Status	Organic
Manufacturer	GMS TRADE
Harvest Season	Jun - Sep

Physical Specification

Parameter	Requirement	Test Method
Appearance	Pale Yellow Volatile	Visual
Odor	Sweet – Herbaceous – Minty	Organoleptic
Taste	Sweet– Fresh	Organoleptic
Solubility	Soluble in alcohol – Fixed oil – Insoluble in Water	Visual
Specific Gravity	0.920 – 0.940 @ 20°C	ASTM D4052
Refractive Index	1.480 – 1.490 @ 20°C	ASTM D1218

Chemical Specification

Primary Constituents	Carvone, Limonene	
Parameter	Requirement %	Test Method
Carvone	50 – 70	GC-MS
Limonene	5 – 15	GC-MS
Cineole	1 – 5	GC-MS
Myrcene	1 – 3	GC-MS
β-Pinene	1 – 3	GC-MS
α-Pinene	≤ 1	GC-MS

Key Applications & Benefits

Property	Usage	Advantage
Primary Profile	Aromatherapy - Cognitive support - Topical blends	Antispasmodic properties Menthol found - Androgenic properties
Skin Care Profile	Soothing & calming - Cleansing & balancing	Antiseptic - Anti-inflammatory
Hair Care Profile	Scalp health & stimulation - strengthening	Stimulating properties Compounds menthol & flavonoids

