



**GALILEO**

ESSENTIAL OILS & MORE

# LEMONGRASS

Specifications



## General Specification

Product Name	Lemongrass (Steam Distilled – Egyptian – Galileo)
Botanical Name	Cymbopogon citratus
Botanical Family	Poaceae
Description	Essential Oil Obtained from Leaves of Cymbopogon citratus
Status	Organic
Manufacturer	GMS TRADE
Harvest Season	Apr - Nov

## Physical Specification

Parameter	Requirement	Test Method
Appearance	Pale Yellow	Visual
Odor	Fresh – Citrusy – Slightly earthy taste	Organoleptic
Taste	Strong fresh – Citrusy Lemon-like sharpness spicy	Organoleptic
Solubility	Soluble in ethanol (≥ 90%) – Insoluble in water	Visual
Optical Rotation	-4.0 to +4.0 @ 20°C	Visual
Specific Gravity	0.869 – 0.910 g/ml @ 20°C	ASTM D4052
Refractive Index	1.460 – 1.490 @ 20°C	ASTM D1218

## Chemical Specification

Primary Constituents	Geranial, Neral	
Parameter	Requirement %	Test Method
Geranial	36.5 – 44.29	GC-MS
Neral	22.36 – 31.36	GC-MS
6-Methyl-Hept-5-En-2-One	0.19 – 0.8	GC-MS
Geranyl Acetate	0.1 – 2	GC-MS

## Key Applications & Benefits

Property	Usage	Advantage
Primary Profile	Antifungal & antibacterial	Natural astringent Naturally eliminates odors
Skin Care Profile	Control oil - Tighten pores - Treat acne or minor skin infections	Antioxidants fight Antibacterial properties
Hair Care Profile	Dandruff control - Scalp stimulation - Deep cleansing	Antifungal - Astringent Promotes blood circulation

