



**GALILEO**

ESSENTIAL OILS & MORE

# CUMIN

Specifications



## General Specification

Product Name	Cumin Essential Oil (Steam Distilled – Egyptian – Galileo)
Botanical Name	Cuminum Cyminum L.
Botanical Family	Apiaceae
Description	Essential Oil Obtained from the crushed seeds of Cuminum cyminum L.
Status	Organic
Manufacturer	GMS TRADE
Harvest Season	May - Sep

## Physical Specification

Parameter	Requirement	Test Method
Appearance	Yellowish – Brown Liquid	Visual
Odor	Strong Spicy	Organoleptic
Taste	Strong – Spicy – Warm – Bitter	Organoleptic
Solubility	Soluble in alcohol & oils – Insoluble in water	Visual
Specific Gravity	0.890 – 0.940 @ 20°C	ASTM D4052
Refractive Refractive	1.490 – 1.515 @ 20°C	ASTM D1218

## Chemical Specification

Primary Constituents	Cuminaldehyde	
Parameter	Requirement %	Test Method
Cuminaldehyde	15 – 45	GC-MS
β-Pinene	5 – 20	GC-MS
γ-Terpinene	5 – 25	GC-MS
p-Cymene	3 – 15	GC-MS

## Key Applications & Benefits

Property	Usage	Advantage
Primary Profile	Digestive support - Culinary flavoring	Metabolic benefits Antioxidant & antimicrobial
Skin Care Profile	Purify skin - Reduce blemishes - Support healthy tone	Antioxidant protection - Inhibit tyrosinase
Hair Care Profile	Conditioners - Strengthening treatments	Strengthens follicles - Scalp moisturizer

