



**GALILEO**

ESSENTIAL OILS & MORE

# MUSTARD

Specifications



## General Specification

Product Name	Mustard Oil (Cold Pressed – Egyptian – Galileo)
Botanical Name	Brassica Juncea (L.) Czern.
Botanical Family	Brassicaceae
Description	Carrier oil obtained from Crushed seeds of Brassica species
Status	Organic
Manufacturer	GMS TRADE
Harvest Season	Apr - Jun

## Physical Specification

Parameter	Requirement	Test Method
Appearance	Pale yellow to deep golden-yellow	Visual
Odor	Strong – Pungent – Sharp	Organoleptic
Taste	Pungent – Spicy - Slightly bitter	Organoleptic
Solubility	Soluble in oils & alcohol – Insoluble in water	Visual
Specific Gravity	0.905 – 0.930 @ 20°C	ASTM D4052
Specific Refractive	1.460 – 1.475 @ 20°C	ASTM D1218

## Fatty Acid Composition

Primary Constituents	Erucic Acid, Oleic Acid	
Parameter	Requirement %	Test Method
Erucic Acid	25 – 45	GC-FID
Oleic Acid	10 – 30	GC-FID
Linoleic Acid	10 – 25	GC-FID
Linolenic Acid	5 – 15	GC-FID
Palmitic Acid	1 – 5	GC-FID

## Key Applications & Benefits

Property	Usage	Advantage
Primary Profile	Digestive aid	Pungent, warming oil Widely used in food & wellness
Skin Care Profile	Improve blood flow - Skin cleansing - Reduces infections	Improves complexion Antimicrobial protection
Hair Care Profile	Stimulates follicles - Nourishes scalp	Antimicrobial & antifungal properties

