



**GALILEO**

ESSENTIAL OILS & MORE

# NEROLI

Specifications



## General Specification

Product Name	Neroli Oil (Steam Distilled – Egyptian – Galileo)
Botanical Name	Citrus aurantium
Botanical Family	Rutaceae
Description	Essential Oil Obtained from Flowers of Citrus aurantium
Status	Organic
Manufacturer	GMS TRADE
Harvest Season	Mar - Apr

## Physical Specification

Parameter	Requirement	Test Method
Appearance	Light Pale Yellow	Visual
Odor	Floral - Sweet – Intoxicating	Organoleptic
Taste	Bitter – Floral – Honeyed	Organoleptic
Solubility	Neroli oil dissolves completely in 95% ethanol – Floats on Water	Visual
Optical Rotation	0° to +11° @ 20°C	Visual
Specific Gravity	0.863 – 0.876 @ 20°C	ASTM D4052
Refractive Index	1.464 – 1.474 @ 20°C	ASTM D1218

## Chemical Specification

Primary Constituents	Linalool, Limonene	
Parameter	Requirement %	Test Method
Linalool	28 – 46	GC-MS
Limonene	15 – 20	GC-MS
β-Pinene	5 – 10	GC-MS
Methyl Anthranilate	5 – 10	GC-MS
α-Terpineol	3 – 8	GC-MS
Farnesol	1 – 5	GC-MS
Geraniol	1 – 3	GC-MS

## Key Applications & Benefits

Property	Usage	Advantage
Primary Profile	Lowers blood pressure Eases menopausal - Promotes restful sleep	Sweet & floral aroma
Skin Care Profile	Cell regeneration - Blemish control - Anti-aging	Balances all skin types Antioxidant - Anti-inflammatory
Hair Care Profile	Scalp health - Moisture retention - Texture improvement	Nourishes follicles Antimicrobial properties

