



PRODUCT SPECIFICATION SHEET –NEROLI OIL

GENERAL INFORMATION			
INCI Name	Citrus aurantium amara flower oil		
Botanical source	<u>Citrus aurantium L.var amara</u>		
Botanical family	Rutaceae		
Status	Conventional / Organic		
Part of Plant Used	Flowers		
Production Process	Steam distillation		
Origin	Egypt		
Manufacture	Pure Essential Oils & Herbs Co.		
REGULATORY INFORMATION			
FEMA	2771	EINECS	277-143-2
FDA	182.2	CAS EINECS	72968-50-4
CAS TCSA	8016-38-4	Product Code	PSD02300
PHYSICAL PROPERTIES			
Appearance	Transparent colorless to yellow liquid		
Odour / Taste	Fresh , Citric , Floral , Orange blossom		
Refractive index @20°C	1,460 - 1,4750	Acid Value (mg KOH/g)	not more than 2 %
Density @20°C	0,860 - 0,880	Flash point °C	53°C
Optical Rotation @20°C	+0 to +10	Shelf Life	24 Months
Solubility	Insoluble in Water, Soluble in alcohol and fixed oils.		
Uses	Pharmaceutical Industries , Aromatherapy		
PRINCIPAL CHEMICAL CONSTITUENTS (by GC %):			
Alpha- Thujene	< 0.08	Sabinene	< 3.7
Alpha -pinene	< 1.6	Limonene	< 12
Beta pinene	< 7.0	Linalyl acetate	8 – 28
Geraniol	< 1.5	Beta -Ocimene	< 10
Myrcene	< 2.50	linalool	30 - 47
Alpha Terpineol	< 7		

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

Disclaimer:

The information contained in this specification is based on data considered to be accurate and reliable as at the date of the specification to the best of the supplier's knowledge and belief. It is user's obligation to determine the safe use of the product for its own applications or suitability for use since the conditions of use, handling, storage and disposal are beyond the supplier's control. The user should therefore take all necessary precautions to ensure the safe and suitable use of the product described in the specification

Dr. Emad Taha
Manager Quality Control
Beni-Suef, Egypt.

Approved by:	QA MANAGER	Version: 03	Date: 24.06.2020
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PURE ESSENTIAL OILS & HERBS CO.

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