



PRODUCT SPECIFICATION SHEET –PETITGRIAN MANDRIAN OIL

GENERAL INFORMATION			
INCI Name	Citrus Reticulata (Mandarin) Leaf Oil		
Botanical source	<u>Citrus Reticulata</u>		
Botanical family	Rutaceae		
Status	Conventional		
Part of Plant Used	Branches, twigs and leaves.		
Production Process	Steam Distillation		
Origin	Egypt		
Manufacture	Pure Essential Oils & Herbs Co.		
REGULATORY INFORMATION			
FEMA	2854	EINECS	284-521-0
FDA	182.2	CAS EINECS	84929-38-4
CAS TCSA	8014-17-3	Product Code	PSD04400
PHYSICAL PROPERTIES			
Appearance	Amber-yellow liquid		
Odour/taste	Intensely sweet, rich, deep fruity, floral odor, with smoky mustiness		
Relative density @ 20°C	0.934 – 1.044		
Refractive index @ 20°C	1.498 – 1.547		
Optical Rotation @ 20°C	+2° to +13°		
Solubility	Insoluble in Water , Soluble in alcohol and fixed oils		
Flash point °C	>100°C		
Shelf Life	24 Months		
Uses	Pharmaceutical uses , Aromatherapy		
Solidification Point	> 15 °C		
PRINCIPAL CHEMICAL CONSTITUENTS (by GC %):			
THUJENE	0.5 to 1.3	LIMONENE	5 to 20
ALPHA-PINENE	1.5 to 2.7	GAMMA-TERPINENE	15 to 25
PARA-CYMENE	2 to 4	METHYL-N-METHYL ANTHRANILATE	45 to 67

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

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Approved by:	QA MANAGER	Version: 03	Date: 24.06.2020
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