

PRODUCT IDENTIFICATION	
INCI Name	CITRUS AURANTIUM AMARA FLOWER OIL
Botanical source	Steam distillation of flowers of <i>Citrus aurantium L. ssp amara</i>
Botanical family	<i>Rutaceae</i>
Status	Conventional
Dietary certification(s)	Kosher certified
Part of Plant Used	Flowers

REGULATORY STATUS	
FEMA	2271
FDA	182.20
CEE	273
EINECS	277-143-2
CAS	8016-38-4

PRINCIPAL CHEMICAL CONSTITUENTS			
Linalool	43.7 – 54.3%	(α)-Limonene	6.0 - 10.2%
Linalyl acetate	3.5 – 8.6%	(E)-b-Ocimene	4.6 – 5.8%
a-Terpineol	3.9 – 5.8%	b-Pinene	3.5 – 5.3%

PHYSICAL PROPERTIES	
1. Appearance	Pale yellow to amber yellow liquid
2. Aroma	A middle note with a medium aroma and dry top notes.
3. Solubility in water	Insoluble
4. Solubility in Ethanol	Soluble
5. Refractive index @20°C	1.464 to 1.474
6. Density @20°C	0,870 to 0,880 g/cm ³
7. Optical Rotation @20°C	+2° to +11°
8. Flash point	63°C

Stability And Storage: Store in cool, dry and ventilated area, away from heat sources, sparks and open flames, protected from light in tightly closed original container.

Shelf Life: 12 months from dispatching date on, under normal storage conditions

Transport: UN 3082 Environmentally hazardous substance, liquid, n.o.s.(limonene), 9, III

We certify that the aforementioned product is 100% pure and natural, is free of any additives, strictly originates from Egyptian raw material, and complies with FCC guidelines

Approved by:	QA	Version:	20 Jan 2019
--------------	-----------	----------	-------------