



PRODUCT SPECIFICATION SHEET FOR VIRGIN SESAME SEED OIL

GENERAL INFORMATION			
INCI Name	Sesamum Indicum (Sesame) Seed Oil		
Botanical source	Sesamum indicum L		
Botanical family	Pedaliaceae		
Description	Sesame Oil is the virgin fixed oil obtained from the seed of one or more cultivated varieties of Sesamum indicum L.		
Status	Conventional / Organic		
Part of Plant Used	Seeds		
Production Process	Cold Pressed		
Origin	Egypt		
Manufacturer	Pure Essential Oils & Herbs Co.		
REGULATORY INFORMATION			
FEMA	2343	EINECS	N/A
FDA	182.2	CAS EINECS	232-370-6
CAS TCSA	8008-74-0	Product Code	PCP 00300
PHYSICAL PROPERTIES			
Appearance	Pale yellow, oily liquid	Odour/taste	Very mild pleasant grain-like odour
Refractive index @20°C	1.470 – 1.476	Unsaponifiable Matter	2% Max.
Density @20°C	0.910 - 0.925 g/ml	Peroxide	5.0 Max ¹
Acid Value	3.0 Max. mg KOH/g	Shelf Life	24 Months
Iodine value (g/100g)	100 – 115	Uses	Aromatherapy and food additive.
Saponification	185 – 200	Free fatty acids	< 0.20
Solubility in Ethanol	Practically insoluble in ethanol (96%) miscible with light		
Fatty Acid Profile			
Palmitic Acid	6.0 – 15.0%	LINOLENIC ACID	0.6% Max.
Stearic Acid	3.0 – 8.0%	ARACHIDIC ACID	0.7% Max.
Oleic Acid	35.0 – 50.0%	Linoleic Acid	35.0 – 50.0%

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	Version:	24 Jan. 2020
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PURE ESSENTIAL OILS & HERBS CO.

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