



## PRODUCT SPECIFICATION SHEET –PEPPERMINT OIL

GENERAL INFORMATION			
INCI Name	Mentha Piperita (Peppermint) Oil		
Botanical source	<u>Mentha piperita L</u>		
Botanical family	Lamiaceae		
Status	Conventional / Organic		
Part of Plant Used	Herbs and stems		
Production Process	Steam distillation		
Origin	Egypt		
Manufacture	Pure Essential Oils & Herbs Co.		
REGULATORY INFORMATION			
FEMA	2848	EINECS	282-015-4
FDA	182.2	CAS EINECS	84082-70-2
CAS TCSA	8006-90-4	Product Code	PSD01300
PHYSICAL PROPERTIES			
Appearance	Colorless to pale yellow liquid.		
Odour/taste	Minty , Fresh		
Relative density @ 20°C	0,900 - 0,910		
Refractive index @ 20°C	1,4550 - 1,4650		
Optical Rotation @ 20°C	-10 to -30		
Solubility	Insoluble in Water , Soluble in alcohol and fixed oils		
Flash point °C	74		
Shelf Life	24 Months		
Uses	Aromatherapy, Natural Perfumery		
PRINCIPAL CHEMICAL CONSTITUENTS (by GC %):			
α-pinene	0.1 to 2.5	Linalool	0.2 to 2.5
Beta-Pinene	0.1 to 3.0	Menthone	15.0 – 40.0
Limonene	0.5 to 5.0	Isomenthone	1.5 to 15.0
1.8 cineole	0.9 to 7.0	Menthol	25.0 – 40.0
Menthyl acetate	2.8 to 10		

### 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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