



PRODUCT SPECIFICATION SHEET –BITTER FENNEL OIL

GENERAL INFORMATION			
INCI Name	Foeniculum Vulgare Oil		
Botanical source	<i>Foeniculum vulgare Mill. var. amara</i>		
Botanical family	Apiaceae		
Description	The volatile oil is obtained from steam distillation of <i>Foeniculum vulgare Mill. var. amara</i> Fruits		
Status	Conventional / Organic		
Part of Plant Used	Fruits		
Production Process	Steam Distillation		
Origin	Egypt		
Manufacture	Pure Essential Oils & Herbs Co.		
REGULATORY INFORMATION			
FEMA	2481	EINECS	283-414-6
FDA	182.2	CAS EINECS	84625-39-8
CAS TCSA	8006-84-6	Product Code	PSD01500
PHYSICAL PROPERTIES			
Appearance	Clear Mobile Colorless to pale yellow Liquid		
Odour/taste	Spicy , Top Note with medium aroma		
Relative density @ 20°C	0.950 to 0.973		
Refractive index @ 20°C	1.530 to 1.550		
Optical Rotation @ 20°C	+12 to +24		
Solubility	Insoluble in Water , Soluble in alcohol and fixed oils		
Flash point °C	63°C		
Shelf Life	24 Months		
Uses	Aromatherapy , Pharmaceutical Industries		
PRINCIPAL CHEMICAL CONSTITUENTS (by GC %):			
Alpha – Pinene	< 2	Estragole	70 to 90
Sabinene	< 2	Trans – Anethole	< 5
Limonene	2 to 15	P. Cymene	< 1.5
Fenchone	< 8		

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.
 KOUM ABOU RADI INDUSTRIAL ZONE- FOOD SECTOR BEHIND JUHAINA FACTORY- ELWASTA- BANI SWAIF EGYPT.

purity@purity-egypt.com
 sales@purity-egypt.com
 info@purity-egypt.com
 +201008687176
 +20822530663