



PRODUCT SPECIFICATION SHEET - CUMIN OIL FCC QUALITY

GENERAL INFORMATION	
INCI Name	Cuminum Cyminum (Cumin) Fruit oil
Botanical source	<u>Cuminum cyminum</u>
Botanical family	Apiaceae
Status	Conventional / Organic
Part of Plant Used	Fruits
Production Process	Steam distillation
Description	Cumin Aldehyde must be more than 20.0 and the total aldehyde more than 48.5 % , Physical Properties are Qualified to FCC Quality .
Origin	Egypt
Manufacture	Pure Essential Oils & Herbs Co.

REGULATORY INFORMATION			
FEMA	2343	EINECS	283-881-6
FDA	182.2	CAS EINECS	84775-51-9
CAS TCSA	8014-13-9	Product Code	PSD00700

PHYSICAL PROPERTIES	
Appearance	Brownish yellow liquid
Odour/taste	Strong, warm, spicy, herbaceous odor
Relative density @ 20°C	0.905- 0.925
Refractive index @ 20°C	1.500- 1.506
Optical Rotation @ 20°C	+1 to +8
Solubility	Insoluble in Water , Soluble in alcohol and fixed oils
Flash point °C	>100°C
Shelf Life	24 Months
Uses	Food Additives , Pharmaceutical Uses

PRINCIPAL CHEMICAL CONSTITUENTS (by GC %):			
Beta- pinene	10 to 18	P-Mentha 1,3-Diene 7 al	10 to 18
Gama -Terpene	15 to 25	P-Mentha 1,4-Diene 7 al	7 to 14
Cumin aldehyde	More than 20.0	Para - cymene	Less than 7
Total Aldehyde	More than 48.5 %		

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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