

PRODUCT IDENTIFICATION	
INCI Name	<i>Cuminum cyminum</i> Extract
Botanical source	Obtained by steam distillation of the fruits of <i>Cuminum cyminum</i> L.
Botanical family	<i>Apiaceae</i>
Status	Conventional
Dietary certification(s)	Kosher certified
Part of Plant Used	Fruits

REGULATORY STATUS	
FEMA	2343
FDA	182.20
CEE	161
EINECS	283-881-6
CAS TSCA	8014-13-9
CAS EINECS	84775-51-9

PRINCIPAL CHEMICAL CONSTITUENTS			
Cuminic Aldehyde	18.0 – 26.0%	1,3-para mentha triene-7-al	10.0 – 22.0%
1,4-para mentha triene-7-al	5.0 – 15.0%		

PHYSICAL PROPERTIES	
1. Appearance	Yellow to brown liquid
2. Aroma	Spicy, woody, peppery, aromatic
3. Solubility in water	Insoluble
4. Refractive index @20°C	1.496 to 1.505
5. Density @20°C	0.905 to 0.930 g/cm <sup>3</sup>
6. Optical Rotation @20°C	+3° to +9°
7. Flash point	48°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:** 24 months from dispatching date on, under normal storage conditions

**Transport:** UN 1169 Extracts, aromatic, liquid, 3, III

**EC Dir.Labelling:** Xn, N, R10, R43, R65, S24, S37, S61, S62, R38, R52/53

**CLP/GHS labeling:** SGH02, SGH07, SGH08, H226, H303, H313, H317, P280, P273, H412, H402, H315, H304, P301/310, P210, P272, P241

*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:	<b>QA</b>	Version:	20 Jan 2019
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