

- **Techno-aromatic company for essential oils**
- **Cumin seed Oil**
- **Typical Certificate of Analysis**

PRODUCT DESCRIPTION

- The volatile oil obtained by steam distillation of fruits\seeds of cumin plant

Common Name	Cumin oil
Synonyms	Cumin seed oil
Botanical Name	Cuminum cyminum L.
Family	
Country of Origin	Egypt
Method of Extraction	Steam Distillation of crused dray Seeds\fruits
Part Used	Fruits \Seeds
Colour and Appearance	Clear yellow liquid \ light yellow liquid
Odour	Characteristic strong Spicy-Musky scent
Taste	Characteristic
Acid value	10.0 Max. MG KOH/G

TECHNICAL SPECIFICATIONS

Refractive Index	1.501 to 1.506 @ 20°C	typical
Optical Rotation	+3.00 to +8.00	typical
Flash Point ° F	53°C	
Specific Gravity	0.905 to 0.925 @ 20°C	typical
Solubility	Insoluble in water, soluble in alcohol and fixed oils	

GC (gas Chromatographic Analysis);

COMPONENTS

	PERCENTAGE	typical perc. Of sample
1 Alpha-pinene	0.8 - 2.2 %	1.65 %
2 Beta-pinene	15.0 - 22.0 %	19.45 %
3 Gamma-terpinene	17.0 - 21.5 %	20.5 %
4 Para-Cymene	4.5 - 10.6 %	8.5 %
5 Total Aldehyde	48.0 -55.0 %	50.0%

Storage	Store in well sealed containers at to 5 – 25°C in dry and well ventilated premises. Avoid direct exposure to sunshine or heat sources.
Shelf Life	2 years from date of production.
Paking	Glass Aluminium OR Tin –lined container OR polyethelene drum
Quality	100%pure &Natural