

Techno-aromatic company for essential oils

Lemongrass Egyptian Oil

Typical Certificate of Analysis

PRODUCT DESCRIPTION

The volatile oil obtained by steam distillation of Fresh grass or partially wilted leaves of Cymbopogon flexuosus plant

Common Name	Lemongrass Egyptian oil
Botanical Name	Cymbopogon flexuosus
Country of Origin	Egypt
Method of Extraction	Steam Distillation of the fresh herb
Part Used	Fresh grass
Colour and Appearance	Deep yellow to orange-brown. Fluid liquid.
Odour	green, Fresh-grassy lemon-type, much like straw.
Cas. #	8007-02-1

TECHNICAL SPECIFICATIONS

PERCENTAGE typical perc. Of sample

Refractive Index@ 20°C	1.4850 to 1.4936 at 25° C	1.467@ 20°C
Optical Rotation@ 20°C	[-] 1.25° to [-] 5° at 25° C. -10 @ 20°C	
Flash Point ° F	87°C	
Specific Gravity@ 20°C	0.8725 to 0.8965 at 25° C	0.897@ 20°C
Acid Value	Max. 8.5 MG KOH \ G	
Solubility	Insoluble in water, soluble in alcohol and oils	
Storage	Store in a cool place at(5-25°C) in well sealed containers ,Avoid direct exposure to sunshine Or heat exposurs.	
Shelf Life	5 years under good storage conditions	

GC (gas Chromatographic Analysis); COMPONENTS

PERCENTAGE typical perc. Of sample

1 Iso-Menthone	4.5 - 9.4	5.6%
2 Linalool	5.8 - 9.5	7.8%
3 Citronellyl Formate	5.2 - 9.6	6.8 %
4 Citronellol	27.5 -38	34.3%
5 Geraniol	12 - 18.4	14.6%
6 10-epi-gamma Eudesmol	3.8 - 6.2	5.2 %
7 Geranyl Formate	3.3 - 4.7	4.9%
8 cis –rose oxide	0.8 - 1.9	1.5%

Paking

Glass Aluminium OR Tin –lined container OR polyethelene drum

Quality

100%pure &Natural