



NHR ORGANIC OILS  
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## Certificate of Analysis & Gas Chromatography Organic Cumin Seed Essential Oil (*Cuminum cyminum*)

Botanical name :	<i>Cuminum cyminum</i> L.
Commercial name :	Organic Cumin
Batch number :	240223-2
Geographical origin :	Egypt

### Physical and chemical data :

	Standards	Results of analysis
Appearance	Mobile liquid	Conform
Colour	Amber yellow	Conform
Odour	Aromatic	Conform
Specific gravity at 20°C	0.910 to 0.930	0.9110
Refractive index at 20°C	1.490 to 1.515	1.5012
Optical rotation at 20°C	0° to +10°	+4.00°
Flash point	+45°C to +55°C	

### Table of components :

Components	Contents
Alpha-pinene	0.82%
Beta-pinene	16.47%
Myrcene	0.93%
Alpha-phellandrene	0.92%
Para-cymene	6.80%
Gamma-terpinene	20.14%
P-Mentha-3-en-7-al	3.15%
Cuminic Aldehyde	24.65%
P-Mentha-1,3-dien-7-al	11.42%
P-Mentha-1,4-dien-7-al	9.16%
<b>TOTAL</b>	<b>94.46%</b>