

# Specification Sheets

## Organic Nigella Seed Oil

Version N° 1  
Date Implemented : July 2011  
Reference: 03HN/B

The Nigella Seeds oil was already known in Egypt as a valuable remedy. We know that the Pharaohs were treated by their personal physicians for the most varied diseases with Nigella Seeds oil. The radius of action of this oil is very varied, and it stimulates strengthens the immune system acts against the phenomena allergies (asthama, chest tightness) and in the treatment of skin problems (herpes, acne, psoriasis, eczema), this oil is also anti-oxidant, Anti-inflammatory and calming.

<u>Component Entity</u>	<u>CAS Number</u>	<u>EINECS Number</u>	<u>Proportions [%w/w]</u>
Organic Nigella Oil	90064-32-7	290-094-1	100% pure

**Mode of Extraction** : First Cold Pressed

**Part Used** : Nigella Sativa Seeds

**Botanical Name** : Nigella sativa

**Origin of Seed**: Egypt

**Quality**: The oil is extracted mechanically, 100% pure and Natural, virgin, first cold pressed, without chemical processing.

**Color**: Green Brown

**Smell**: spicy, pungent characteristic

**Density**: 0.90 to 0.92

**Insaponification matter %**: Under 1

**Free Acidity**: Max 5

**Peroxyde Value**: 10-40 méqo<sup>2</sup>/kg

**Refractive Index**: 1,473- 1,476

<b>FATTY ACID PROFILE</b>		
<b>CONSTITUENT</b>	<b>CHAIN STRUCTURE</b>	<b>RANGE</b>
• <b>Palmitic:</b>	<b>C16:0</b>	9.0% to 13.0%
• <b>Palmitoleic:</b>	<b>C16:1 n7</b>	Maximum 0.5%
• <b>Stearic:</b>	<b>C18:0</b>	3.0% to 5.0%
• <b>Oleic:</b>	<b>C18:1 n9</b>	22.0% to 29.0%
• <b>Linoleic:</b>	<b>C18:2 n6</b>	55.0% to 62.0%
• <b>Linolenic:</b>	<b>C18:3</b>	Maximum 1%

### **APPLICATIONS :**

Cosmetic and pharmaceutical industries