

# Specification Sheets

## Organic Jojoba Oil

Version N° 1

Date Implemented : July 2011

Reference: 03HJ/B

Jojoba oil is recognized as a factor in healing and beautifying the hair. Jojoba is of great interest because the oil extracted from its seeds contains more than 40% of unsaponifiable substances. Grace to its excellent compatibility with the skin, jojoba oil can be used as bath oil or massage oil. It also restores suppleness and softness to the skin. This is unique in the plant kingdom, since it is a liquid wax. Its composition allows it to strengthen the hydrolipidic film after several applications. It is therefore widely used for its emollient properties. It gives excellent results on dry hair, improving shine.

<u>Component Entity</u>	<u>CAS Number</u>	<u>EINECS Number</u>	<u>Proportions [%w/w]</u>
Organic Jojoba Oil	61789-91-1 [TSCA; AICS] 90045-98-0 [EU]	289-964-3	100% pure

**Process of extraction** : First Cold Pressed

**Part Used** : Organic Jojoba seeds

**Botanical Name** : Simmondsia chinensis

**Origin of seed**: Egypt and Tunisia

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

**Color** : Golden yellow

**Density** : 0,84-0,89

**Acidity** : Max 2.0

**Peroxyde** : Max 10

**Saponification value**: 80-100

**Vitamin E content**: 2-5 (mg/100g)

<b>FATTY ACID PROFILE</b>		
<b>CONSTITUENT</b>	<b>CHAIN STRUCTURE</b>	<b>RANGE</b>
• <b>Palmitic:</b>	<b>C16:0</b>	Maximum 3.0%
• <b>Palmitoleic:</b>	<b>C16:1 n7</b>	Maximum 1.0%
• <b>Oleic:</b>	<b>C18:1</b>	5.0% to 15.0%
• <b>Eicosenoic:</b>	<b>C20:1 w9</b>	65.0% to 80.0%
• <b>Behenic:</b>	<b>C22:0</b>	Maximum 1.0%
• <b>Erucic:</b>	<b>C22:1</b>	10.0% to 20.0%

### **APPLICATIONS :**

Cosmetic and pharmaceutical industries