

# Product - Specification

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Product / Trading-Name: **Marula oil cold pressed**

**Description:** Marula oil is produced from the seeds of the Marula tree *Sclerocarya birrea* (Anacardiaceae) by expression.

**Product No.:** 205020

**INCI Name:** Sclerocarya Birrea Seed Oil

**Properties:** Lightly coloured oil with a mild smell, slightly turbid at room temperature.

Parameter	Method	Unit	Value
<b><u>Physical and Chemical Characteristics</u></b>			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 10,0
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 15,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		ca. 1,468
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,913

## **Fatty Acid Composition (GC of FAMES)**

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	9,0 - 13,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	4,0 - 8,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	70,0 - 80,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	4,0 - 9,0
20:0 arachidic acid	Ph. Eur. [2.4.22]	%	max. 1,0

### **Storage:**

Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.

### **Residual Solvents:**

It complies with the guideline CPMP/ICH/283/95 and CPMP/ICH/1940/00 corr. (residual solvents)

<b>Created:</b>	AS	<b>Checked:</b>	JF	<b>Released:</b>	Schw
<b>Date:</b>	28.06.17	<b>Date:</b>	29.06.17	<b>Date:</b>	30.06.17

