

Product - Specification

gustavheess
group of companies since 1897

Reg-No.: Sp205020a

Rev-No.: a

Printing Date: 23. January 2020

Page: 1

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

Description: Marula oil is produced from the seeds of the Marula tree *Sclerocarya birrea* (Anarcadiaceae) 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
<u>Physical and Chemical Characteristics</u>			
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)

Created: AS

Checked: JF

Released: Schw

Date: 28.06.17

Date: 29.06.17

Date: 30.06.17

