

TECHNICAL DATA SHEET

1. PRODUCT

Product Name:	MARULA OIL
Description:	Virgin vegetable oil obtained by cold-pressing and filtration from Sclerocarya Birrea seeds wild collected.
INCI EU:	Sclerocarya Birrea Seed Oil.
CAS Number EU:	68956-68-3
EINECS Number:	273-313-5

2. SPECIFICATION

Analytical Details	Specifications
Appearance:	Clear or Pale Yellow with Moderate Viscosity.
Color:	Light Yellow.
Odor:	Mild nutty aroma.
Boiling Point °C :	N/A
Flash point °C:	250
Relative Density @ 20 (g/ml) :	0,910 - 0,920
Humidity (%):	N/A
Refractive index :	1,455 - 1,465
Peroxide Value (meq O ₂ /kg) :	MAX. 20 Meq O ₂ /Kg
Iodine Value (g/100g) :	70-86 g I ₂ /100g
Saponification Value :	180-200 mg KOH/g
Unsaponifiable matter (%):	N/A
Acid value (mg KOH/g) :	<5
Fatty Acid Profile (%)	
C14:0 Myristic (%):	<1
C16:0 Palmitic (%):	9-15 %
C16:1w9 Palmitoleic (%):	<1
C18:0 Stearic (%):	5-12 %
C18:1w9 Oleic (%):	60-85 %
C18:2w6 Linoleic (%):	4-12 %
C20:0 Arachidic (%):	<1

3. COMPLEMENTARY DATA

Solubility :	Soluble in oils.
Conservation:	Store in a hermetic recipient at a temperature between 10 and 25 °C, protected from direct light and moisture.
Date of re-analysis:	12 months after the last analysis date