

TECHNICAL DATA SHEET

Product Name	MAQUI BERRY OIL
Botanical Name	Aristotelia chilensis
Product Code	PCO4067
INCI Name	Aristotelia chilensis Seed Oil

Part Used	Seeds
Extraction Method	Cold Pressed
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Dark green colored liquid
Odour	Characteristic fatty odour
Refractive Index	1.472 - 1.485 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.950 @ 20°C
Saponification Value (mgKOH/g)	180 - 210
Peroxide Value (meq O₂/kg)	Less than 10.0
Iodine Value (g I₂/100g)	110 - 130
Free Fatty Acids (% oleic)	Less than 2.0
Acid Value (mgKOH/g)	Less than 4.0
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Palmitic Acid	C16:0	6.00 – 10.00
Stearic Acid	C18:0	1.00 – 3.00
Oleic Acid	C18:1 (n-9)	36.00 – 42.00
Linoleic Acid	C18:2 (n-6)	45.00 – 50.00
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 4.00

As it is electronically generated document, hence no signature required.

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