

TECHNICAL DATA SHEET

Product Name	XIMENIA OIL
Botanical Name	Ximenia americana
Product Code	PCO4092
CAS #	95193-67-2
EINECS #	305-880-2
INCI Name	Ximenia americana Seed Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to golden yellow colored slightly oily liquid
Odour	Characteristic odour
Refractive Index	1.460 - 1.485 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.930 @ 20°C
Saponification Value (mgKOH/g)	150 - 180
Peroxide Value (meq O₂/kg)	Less than 10.0
Iodine Value (g I₂/100g)	65 - 95
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	Maximum 2.50
Stearic Acid	C18:0	Maximum 1.50
Oleic Acid	C18:1 (n-9)	40.00 – 56.00
Ximenynic Acid	C18:1 (n-9)	5.00 – 15.00
Linoleic Acid	C18:2 (n-6)	Maximum 3.00
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 3.00
Erucic Acid	C22:1 (n-9)	Maximum 2.50
Nervonic Acid	C24:1 (n-9)	7.00 – 12.00
Hexacosenoic (Ximenic) Acid	C26:1 (n-9)	6.50 – 9.50
Octasenoic Acid	C28:1 (n-9)	8.00 – 12.00

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

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