

TECHNICAL DATA SHEET

Product Name	CORN (MAIZE) OIL
Botanical Name	Zea mays
Product Code	PCO4085
CAS #	8001-30-7
EINECS #	232-281-2
INCI Name	Corn (Zea mays) Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow colored liquid
Odour	Mild characteristic odour
Refractive Index	1.420 - 1.485 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.930 @ 20°C
Peroxide Value (meq O₂/kg)	Less than 1.0
Free Fatty Acids (% oleic)	Less than 0.5
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	10.00 – 13.00
Stearic Acid	C18:0	1.70 – 2.50
Oleic Acid	C18:1 (n-9)	23.00 – 40.00
Linoleic Acid	C18:2 (n-6)	39.00 – 63.00
Alpha-Linolenic Acid	C18:3 (n-3)	0.80 – 1.50

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

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