

TECHNICAL DATA SHEET

Product Name	PUMPKIN SEED OIL
Botanical Name	Cucurbita pepo
Product Code	PCO4040
CAS #	8016-49-7; 89998-03-8
EINECS #	289-741-0
INCI Name	Cucurbita pepo (Pumpkin) Seed Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Deep amber to greenish brown colored liquid
Odour	Characteristic, appealing nutty odour
Refractive Index	1.460 - 1.485 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.930 @ 20°C
Saponification Value (mgKOH/g)	174 - 198
Peroxide Value (meq O₂/kg)	Less than 8
Iodine Value (g I₂/100g)	110 - 130
Free Fatty Acids (% oleic)	Less than 2
Acid Value (mgKOH/g)	Less than 4
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	12.60 – 18.40
Stearic Acid	C18:0	5.10 – 8.50
Oleic Acid	C18:1 (n-9)	17.00 – 39.50
Linoleic Acid	C18:2 (n-6)	18.10 – 62.80
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 1.00

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

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