

TECHNICAL DATA SHEET

Product Name	SOYBEAN OIL
Botanical Name	Glycine max
Product Code	PCO4020
CAS #	8001-22-7
EINECS #	232-274-4
INCI Name	Glycine soja (Soybean) Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to green yellow colored liquid
Odour	Slight characteristic odour to almost odorless
Refractive Index	1.470 - 1.477 @ 20°C
Specific Gravity (g/mL)	0.915 - 0.925 @ 20°C
Saponification Value (mgKOH/g)	184 - 194
Peroxide Value (meq O₂/kg)	Less than 0.5
Iodine Value (g I₂/100g)	120 - 143
Free Fatty Acids (% oleic)	Less than 0.1
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	7.00 – 12.00
Stearic Acid	C18:0	Maximum 6.0
Oleic Acid	C18:1 (n-9)	16.00 – 30.00
Linoleic Acid	C18:2 (n-6)	40.00 – 58.00
Alpha-Linolenic Acid	C18:3 (n-3)	7.00 – 10.00

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

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