

TECHNICAL DATA SHEET

Product Name	PEANUT (GROUNDNUT) OIL
Botanical Name	Arachis hypogaea
Product Code	PCO4106
CAS #	8002-03-7
EINECS #	232-296-4
INCI Name	Arachis hypogaea (Peanut) Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow, bright clear liquid
Odour	Pleasant nutty odour
Refractive Index	1.460 - 1.465 @ 20°C
Specific Gravity (g/mL)	0.912 - 0.920 @ 20°C
Saponification Value (mgKOH/g)	185 - 195
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	84 - 100
Free Fatty Acids (% oleic)	Less than 2.0
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 – 9.00
Stearic Acid	C18:0	3.00 – 6.00
Oleic Acid	C18:1 (n-9)	52.00 – 60.00
Linoleic Acid	C18:2 (n-6)	13.00 – 27.00
Arachidic Acid	C20:0	2.00 – 4.00

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

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

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