

TECHNICAL DATA SHEET

Product Name	PEACH KERNEL OIL
Botanical Name	Prunus persica
Product Code	PCO4053
CAS #	8002-78-6 ; 8023-98-1 ; 84012-34-0
EINECS #	281-678-7
INCI Name	Prunus persica (Peach) Kernel Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to golden yellow colored liquid
Odour	Almost odourless
Refractive Index	1.464 - 1.475 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.920 @ 20°C
Saponification Value (mgKOH/g)	185 - 195
Peroxide Value (meq O₂/kg)	Less than 4.0
Iodine Value (g I₂/100g)	95 - 115
Free Fatty Acids (% oleic)	Less than 0.5
Acid Value (mgKOH/g)	Less than 1.0
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	5.00 – 8.00
Palmitoleic Acid	C16:1 (n-7)	0.00 – 0.50
Stearic Acid	C18:0	0.00 – 3.00
Oleic Acid	C18:1 (n-9)	60.00 – 74.00
Linoleic Acid	C18:2 (n-6)	17.00 – 27.00
Alpha-Linolenic Acid	C18:3 (n-3)	0.00 – 2.00

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

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