

TECHNICAL DATA SHEET

Product Name	PLUM KERNEL OIL
Botanical Name	Prunus armeniaca
Product Code	PCO4075
CAS #	90082-87-4
EINECS #	290-179-3
INCI Name	Prunus domestica (Plum) Seed Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Golden yellow colored liquid
Odour	Characteristic almond-like odour
Refractive Index	1.460 - 1.485 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.930 @ 20°C
Saponification Value (mgKOH/g)	188 - 200
Peroxide Value (meq O₂/kg)	Less than 10.0
Iodine Value (g I₂/100g)	90 - 108
Free Fatty Acids (% oleic)	Less than 1.0
Acid Value (mgKOH/g)	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	4.00 – 9.00
Palmitoleic Acid	C16:1 (n-7)	0.00 – 2.00
Stearic Acid	C18:0	0.70 – 2.60
Oleic Acid	C18:1 (n-9)	60.00 – 80.00
Linoleic Acid	C18:2 (n-6)	15.00 – 25.00
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 1.00

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

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