

TECHNICAL DATA SHEET

Product Name	WATERMELON SEED OIL
Botanical Name	Citrullus vulgaris
Product Code	PCO4057
CAS #	90244-99-8
EINECS#	290-802-9
INCI Name	Citrullus vulgaris (Watermelon) Seed Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to golden colored liquid
Odour	Characteristic neutral odour
Refractive Index	1.470 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.950 @ 20°C
Saponification Value (mgKOH/g)	188 - 198
Peroxide Value (meq O₂/kg)	Less than 3.0
Iodine Value (g I₂/100g)	120 - 135
Free Fatty Acids (% oleic)	Less than 5.0
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	8.00 – 13.00
Palmitoleic Acid	C16:1 (n-7)	Maximum 1.00
Stearic Acid	C18:0	1.50 – 5.50
Oleic Acid	C18:1 (n-9)	21.00 – 32.00
Linoleic Acid	C18:2 (n-6)	55.00 – 65.00
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 1.00

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

DISCLAIMER: Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Paras Perfumers provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.