

TECHNICAL DATA SHEET

Product Name	ROSELLE HIBISCUS SEED OIL
Botanical Name	Hibiscus sabdariffa
Product Code	PCO4100
CAS #	84775-96-2
EINECS #	283-920-7
INCI Name	Hibiscus sabdariffa (Hibiscus) 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	Mild, sweet nutty odour
Refractive Index	1.460 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.930 @ 20°C
Saponification Value (mgKOH/g)	188 - 200
Peroxide Value (meq O₂/kg)	Less than 10.0
Iodine Value (g I₂/100g)	100 - 140
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	16.00 – 22.00
Stearic Acid	C18:0	4.00 – 6.00
Oleic Acid	C18:1 (n-9)	26.00 – 34.00
Linoleic Acid	C18:2 (n-6)	35.00 – 54.00

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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