

TECHNICAL DATA SHEET

Product Name	CAMELLIA (TEA SEED) OIL
Botanical Name	Camellia oleifera
Product Code	PCO4036
CAS #	225233-97-6
INCI Name	Camellia oleifera Seed Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Clear pale yellow to golden yellow colored liquid
Odour	Mild vegetable oil odour
Refractive Index	1.460 - 1.490 @ 20°C
Specific Gravity (g/mL)	0.900 - 0.930 @ 20°C
Saponification Value (mgKOH/g)	185 - 196
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	80 - 94
Free Fatty Acids (% oleic)	Less than 1.5
Acid Value (mgKOH/g)	Less than 3.0
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	6.10 – 15.00
Stearic Acid	C18:0	0.80 – 2.00
Oleic Acid	C18:1 (n-9)	72.00 – 87.00
Linoleic Acid	C18:2 (n-6)	5.30 – 14.30

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

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