

TECHNICAL DATA SHEET

Product Name	YANGU (CAPE CHESTNUT) OIL
Botanical Name	Calodendrum capense
Product Code	PCO4058
INCI Name	Calodendrum capense Seed Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to greenish yellow colored liquid
Odour	Bland, fatty odour
Refractive Index	1.464 - 1.474 @ 20°C
Specific Gravity (g/mL)	0.908 - 0.918 @ 20°C
Saponification Value (mgKOH/g)	185 - 200
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	85 - 105
Free Fatty Acids (% oleic)	Less than 4.0
Acid Value (mgKOH/g)	Less than 8.0
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>	<u>RESULTS (%)</u>
Palmitic Acid	C16:0	18.00 – 24.00	18.00
Stearic Acid	C18:0	3.00 – 6.00	4.60
Oleic Acid	C18:1 (n-9)	33.00 – 48.00	47.60
Linoleic Acid	C18:2 (n-6)	23.00 – 33.00	26.80

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

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