

## TECHNICAL DATA SHEET

<b>Product Name</b>	<b>MANKETTI (MONGONGO) OIL</b>
<b>Botanical Name</b>	Schinziophyton rautanenii
<b>Product Code</b>	PCO4066
<b>INCI Name</b>	Schinziophyton rautanenii Kernel oil

<b>Part Used</b>	Seeds
<b>Extraction Method</b>	Cold Pressed
<b>Quality</b>	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
<b>Appearance</b>	Deep yellow to yellow orange colored liquid
<b>Odour</b>	Characteristic fatty odour
<b>Refractive Index</b>	1.480 - 1.494 @ 20°C
<b>Specific Gravity (g/mL)</b>	0.920 - 0.960 @ 20°C
<b>Saponification Value (mgKOH/g)</b>	190 - 205
<b>Peroxide Value (meq O<sub>2</sub>/kg)</b>	Less than 10.0
<b>Iodine Value (g I<sub>2</sub>/100g)</b>	105 - 145
<b>Free Fatty Acids (% oleic)</b>	Less than 3.0
<b>Acid Value (mgKOH/g)</b>	Less than 6.0
<b>Solubility</b>	Soluble in alcohols and fixed oils; Insoluble in water

### FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
<b>Palmitic Acid</b>	C16:0	5.00 – 15.00
<b>Stearic Acid</b>	C18:0	4.00 – 9.00
<b>Oleic Acid</b>	C18:1 (n-9)	14.00 – 20.00
<b>Linoleic Acid</b>	C18:2 (n-6)	41.00 – 55.00
<b>Alpha-Linolenic Acid</b>	C18:3 (n-3)	5.00 – 20.00

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

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