

## TECHNICAL DATA SHEET

<b>Product Name</b>	<b>COCONUT OIL, RBD (REFINED, BLEACHED &amp; DEODORISED)</b>
<b>Botanical Name</b>	Cocos nucifera
<b>Product Code</b>	PCO4042
<b>CAS #</b>	8001-31-8
<b>EINECS #</b>	232-282-8
<b>INCI Name</b>	Cocos nucifera (Coconut) Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
<b>Appearance</b>	Off-white when solid; light yellow when in liquid form
<b>Odour</b>	Little to no odour
<b>Refractive Index</b>	1.440 - 1.468 @ 20°C
<b>Specific Gravity (g/mL)</b>	0.880 - 0.922 @ 25°C
<b>Saponification Value (mgKOH/g)</b>	250 - 264
<b>Peroxide Value (meq O<sub>2</sub>/kg)</b>	Less than 1
<b>Iodine Value (g I<sub>2</sub>/100g)</b>	6 - 11;
<b>Free Fatty Acids (% oleic)</b>	Less than 0.1
<b>Acid Value (mgKOH/g)</b>	Less than 0.2
<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>Caprylic Acid</b>	C8:0	5.00 – 9.00
<b>Capric Acid</b>	C10:0	4.00 – 10.00
<b>Lauric Acid</b>	C12:0	44.00 – 52.00
<b>Myristic Acid</b>	C14:0	13.00 – 21.00
<b>Palmitic Acid</b>	C16:0	8.00 – 11.00
<b>Stearic Acid</b>	C18:0	1.00 – 4.00
<b>Oleic Acid</b>	C18:1 (n-9)	5.00 – 8.00
<b>Linoleic Acid</b>	C18:2 (n-6)	Maximum 2.50

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

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