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## PRODUCT SPECIFICATION

### COCONUT WAX

**Description:** Coconut wax is of natural origin, which is a light and non-greasy moisturising emollient suitable for body butters, balms, skin cream and face care products. Coconut Wax has a light colour and excellent storage stability with low iodine value, so no/little oxidation possible.

It has good chemical compatibility with many natural fragrances and oils.

Coconut wax is soft with plasticising base component for lipstick waxes and colour cosmetics and is an excellent superfatting agent for soaps and gel-like creams.

#### Sensory

Appearance (when melted)

Clear

#### Chemical and Physical

Free Fatty Acid, as lauric	0 – 0.06%	EN-ISO 660:1999
Peroxide Value	0 – 0.5 meq/kg	ISO 3960:2007
Moisture content	0 – 0.05%	ISO8534:2007
Colour Lovibond 5.25"	1.0 Red	ISO15305:1998
	10 Yellow	ISO15305:1998
Iodine Value	2 g/100g	EN-ISO3961:1996
Melting Point	30 – 34 °C	ISO6321:2002
Solid Fat Content @ 20°C	50 – 58%	
@30°C	3 – 6 %	

#### Fatty Acid Composition

C08:0	5 – 9%	EN-ISO5509:2000 & EN-ISO5508:1995
C10:0	5 – 9%	EN-ISO5509:2000 & EN-ISO5508:1995
C12:0	45 – 48%	EN-ISO5509:2000 & EN-ISO5508:1995
C14:0	16 – 20%	EN-ISO5509:2000 & EN-ISO5508:1995
C16:0	8 – 11%	EN-ISO5509:2000 & EN-ISO5508:1995
C18:0	10 – 14%	EN-ISO5509:2000 & EN-ISO5508:1995
C18:1	0 – 2%	EN-ISO5509:2000 & EN-ISO5508:1995

*n.b This document nullifies and replaces all previous documents referring to this material.*

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