

TECHNICAL DATA SHEET

Product Name	DEODORIZED COCOA BUTTER
Botanical Name	Theobroma cacao
Product Code	PBO6005
CAS #	8002-31-1
INCI Name	Theobroma Cacao (Cocoa) Seed Butter

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	White to off-white semi-solid butter
Odour	Nearly odourless
Refractive Index	1.454 - 1.459 @ 20°C
Specific Gravity (g/mL)	0.890 - 0.912 @ 20°C
Melting Point (°C)	30° - 36°
Moisture (%)	Maximum 0.2
Saponification Value (mgKOH/g)	188 - 198
Peroxide Value (meq O₂/kg)	Maximum 4.0
Iodine Value (g I₂/100g)	33 - 42
Free Fatty Acids (% oleic)	Less than 1.5
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Palmitic Acid	C16:0	21.00 – 29.00
Stearic Acid	C18:0	31.00 – 39.00
Oleic Acid	C18:1 (n-9)	31.00 – 38.00
Linoleic Acid	C18:2 (n-6)	1.50 – 5.00

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

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

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