

TECHNICAL DATA SHEET

Product Name	TUCUMÃ BUTTER
Botanical Name	Astrocaryum tucuma syn A. vulgare
Product Code	PBO6029
CAS #	356065-49-1
INCI Name	Astrocaryum Tucuma Seed Butter

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Off-white to pale yellow colored soft butter
Odour	Characteristic sweet odour
Melting Point (°C)	27° - 42°
Moisture (%)	Maximum 0.2
Saponification Value (mgKOH/g)	220 - 250
Peroxide Value (meq O₂/kg)	Maximum 10.0
Iodine Value (g I₂/100g)	8 - 30
Free Fatty Acids (% oleic)	Less than 3.0
Acid Value (mgKOH/g)	Less than 6.0
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>
Caprylic Acid	C8:0	Maximum 1.00
Capric Acid	C10:0	Maximum 2.00
Lauric Acid	C12:0	40.00 – 55.00
Myristic Acid	C14:0	16.00 – 34.00
Palmitic Acid	C16:0	5.00 – 10.00
Stearic Acid	C18:0	1.00 – 5.00
Oleic Acid	C18:1 (n-9)	10.00 – 17.00
Linoleic Acid	C18:2 (n-6)	1.00 – 3.50

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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