

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS TUCUMA BUTTER UNREFINED

DESCRIPTION

| | | | |
|-------------------------|-------------------------------|---------------------|-----------------|
| Product: | Tucuma Butter Unrefined | Production Process: | Cold Extraction |
| INCI Name: | Astrocaryum vulgare | Preservatives: | Absent |
| Origin of Raw Material: | Amazonian Rainforest / Brazil | Solvent Extraction: | Absent |
| Used Part of the Plant: | Kernel | Traceability: | Guaranteed |
| Origin: | Wild Crafted | Shelf Life: | 24 months |

CHARACTERISTICS

| | CHARACTERISTIC | UNIT | PRESENTATION |
|----|------------------------------------|---------------------------|----------------|
| 01 | Appearance | ---- | Solid |
| 02 | Color | ---- | Light to cream |
| 03 | Odour | ---- | Characteristic |
| 04 | Acid value | % weight | < 10,0 |
| 05 | Peroxide value | 10 meq O ₂ /kg | < 10,0 |
| 06 | Iodine value | gI ₂ /100g | 10 – 30 |
| 07 | Saponification value | mgKOH/g | 230 – 250 |
| 08 | Density | 25°C g/ml | |
| 09 | Refractive index (40°C) | | 1.4512 |
| 10 | Unsaponifiable matter (bioactives) | % | 1,4 |
| 11 | Melting point | C° | 30 - 32 |

| | | | |
|----|-------------------------------|----------|------------|
| 12 | FATTY ACID COMPOSITION | | |
| | Caprylic Acid | % weight | 0,5 to 1,5 |
| | Capric Acid | % weight | 1,0 to 2,0 |
| | Lauric Acid | % weight | 44 to 55 |
| | Miristic Acid | % weight | 22 to 30 |
| | Palmitic Acid | % weight | 5 to 10 |
| | Stearic Acid | % weight | 1 to 3 |
| | Oleic Acid | % weight | 8 to 10 |
| | Linoleic Acid | % weight | 2 to 5 |
| | Saturated | % | 97 |
| | Unsaturated | % | 3 |
| 13 | MICROBIOLOGY | | |
| | Total bacteria | g | <100 / g |
| | Fungi and Yeasts | g | <100 / g |

SAFETY HEALTH: Product harmless, for cosmetic use only, not suited for human consumption

STORAGE: Should be stored tightly sealed, protected from light and heat.