

Technical DataSheet

INCI Name: Psidium guajaba oil
CAS Number: 294-795-3
Scientific Name: Psidium guajaba
Origin: Amazon Rainforest.
Description: Vegetable oil obtained by cold press process. No preservatives added.
Type of product: Vegetable oil, liquid form at 25 C
Ingredients: Guava seeds
Applications: Guava oil is rich in lycopene, which is a powerful antioxidant than can help protect cells from damage in addition; the oil also has good antimicrobial activity. It is applied in the pharmaceutical and cosmetic industries.

PHYSICAL AND CHEMICAL CHARACTERISTICS

| Analysis | Specification |
|-----------------------------------|-----------------|
| Flavor + Smell | Typical |
| Aspect | Liquid |
| Color | Red |
| Acidity Index (mgKOH/g) | < 20.0 |
| Peroxide Index (mEqO/kg) | < 10.0 |
| Iodine Index (gI/100g) | 125.0 – 140.0 |
| Saponification Index (mgKOH/g) | 185.0 – 200.0 |
| Unsaponification matter (mgKOH/g) | 3 – 4 |
| Solubility * | Water insoluble |
| Fusion point (°C) | 25 – 28 |

* Reference Values Only

LIPID COMPOSITION (%)

| Analysis | Specification |
|------------------------|---------------|
| Lauric Acid (C12:00) | < 1.5 |
| Myristic Acid (C14:00) | < 1.0 |
| Palmitic Acid (C16:00) | 8.0 – 10.0 |
| Stearic Acid (C18:00) | 5.0 – 7.0 |
| Oleic Acid (C18:01) | 14.0 – 16.0 |
| Linoleic Acid (C18:02) | 65.0 – 70.0 |

Packaging Drum of 180kg and 50kg, pails of 20kg and 5kg and 1kg
Dimensions: 180kg (80 x 60 x 60 cm) | 50kg (54 x 37 x 30 cm)
20kg (37 x 32 x 22 cm) | 5kg (25 x 21 x 14 cm) | 1kg (19 x 11 x 18 cm)

Shelf Life & Storage: 18 months, if maintained in the original sealed package at room temperature at least 15°C. 12 months, after opening the packages.
Keep product away from light, heat and moisture. To prevent oxidation, packaging has light & oxygen barrier.

Transportation: At room temperature, in clean vehicles, protected from dust, moisture and material that can offer contaminations risk.