

1. Product Details

- **Product Name:** Desiccated Coconut (Powder, Flakes, Chips)
- **Botanical Name:** *Cocos nucifera*
- **Family:** Arecaceae
- **Part Used:** White kernel (Edible part of coconut)
- **Origin:** India
- **Description:** Desiccated coconut is finely grated or shredded coconut that is dried to remove moisture. Available in powder, flakes, and chip forms, it is widely used in bakery products, confectionery, desserts, and culinary applications.



2. Physical Specifications

| Parameter | Powder | Flakes | Chips |
|------------------|-------------------------------------|-------------------------|-------------------------|
| Appearance | Fine granular texture | Thin shredded strips | Thin, uniform slices |
| Color | White to off-white | White to off-white | White to off-white |
| Odor | Characteristic, fresh coconut aroma | Same as powder | Same as powder |
| Flavor | Natural, slightly sweet | Natural, slightly sweet | Natural, slightly sweet |
| Purity | ≥ 99% | ≥ 99% | ≥ 99% |
| Foreign Matter | ≤ 0.5% | ≤ 0.5% | ≤ 0.5% |
| Moisture Content | ≤ 3% | ≤ 3% | ≤ 3% |
| Particle Size | 0.5–2 mm | 2–4 mm (irregular) | 5–15 mm (uniform) |

3. Chemical Specifications

| Parameter | Specification |
|------------------------|--------------------------------------|
| Oil Content | 60–65% |
| Protein Content | 5–7% |
| Carbohydrate Content | 20–25% |
| Ash Content | ≤ 3% |
| Acid Insoluble Ash | ≤ 0.3% |
| Free Fatty Acids (FFA) | ≤ 0.2% |
| Microbial Load | Compliant with food safety standards |
| Pesticide Residue | As per international standards |

4. Packing and Shipping Details

- **Packing:**
 - Food-grade polybags, paper bags, or cartons.
 - Common sizes: **10kg, 25kg, or 50kg.**
- **Storage:**
 - Store in a cool, dry place, away from direct sunlight and moisture.
- **Shelf Life:**
 - Up to **12 months** under proper storage conditions.
- **Container Loading Capacity:**
 - **20ft Container:** Up to 13 MT (Metric Tons)
 - **40ft Container:** Up to 26 MT (Metric Tons)