



1. Product Details

- **Product Name:** Ajwain Seeds (Carom Seeds)
- **Botanical Name:** *Trachyspermum ammi*
- **Family:** Apiaceae
- **Type:** Whole seeds
- **Origin:** India
- **Description:** Ajwain seeds are tiny, oval-shaped seeds with a distinctive thyme-like aroma and a pungent, slightly bitter taste. They are widely used in Indian and Middle Eastern cuisines for flavoring and in traditional medicine for their digestive properties.



2. Physical Specifications

Parameter	Specification
Appearance	Small, ridged, and oval seeds
Color	Light brown to greyish-brown
Size	2–3 mm
Aroma	Strong, thyme-like fragrance
Moisture Content	≤ 10%
Purity	≥ 99%
Foreign Matter	≤ 0.5%
Damaged/Discolored Seeds	≤ 2%

3. Chemical Specifications

Parameter	Specification
Volatile Oil Content	≥ 2.5%
Thymol Content	≥ 50% (in volatile oil)
Ash Content	≤ 8%
Acid Insoluble Ash	≤ 2%
Pesticide Residue	Compliant with international standards
Aflatoxin Levels	≤ 10 ppb (As per EU/US norms)

4. Nutritional Information (per 100g)

Nutrient	Content
Energy	305 kcal
Carbohydrates	43g
Dietary Fiber	39g
Protein	17g
Fat	25g
Calcium	300mg
Iron	10mg
Potassium	1527mg

5. Packing and Shipping Details

- **Packing:**
 - Food-grade polybags, jute bags, or PP woven sacks.
 - Common sizes: **25kg, 50kg**, or customized as per buyer requirements.
- **Storage:**
 - Store in a cool, dry place, away from direct sunlight and moisture.
- **Shelf Life:**
 - **12–18 months** under proper storage conditions.
- **Container Loading Capacity:**
 - **20ft Container:** Up to 19 MT (Metric Tons)
 - **40ft Container:** Up to 27 MT (Metric Tons)

