



### 1. Product Details

- **Product:** Sunflower Seeds
- **Origin:** India
- **Botanical Name:** *Helianthus annuus*
- **Color:** Grey or black with white stripes (in-shell); cream or ivory (hulled kernels)
- **Shape:** Oval with a pointed tip

### 2. Physical Specifications

Parameter	Specification/Range
Appearance	Uniform oval seeds with clean surface
Color	Grey or black with white stripes (in-shell)
Seed Size	7mm to 12mm
Purity	99% to 99.5%
Foreign Matter	0.5% max
Admixture	0.5% max
Moisture Content	8% to 10% max
Odor	Neutral, nutty aroma
Broken Seeds	2% max

### 3. Chemical Specifications

Parameter	Specification
Moisture Content	8% to 10% max
Protein Content	20% to 25%
Total Fat	40% to 50%
Dietary Fiber	30% to 35%
Carbohydrates	10% to 15%
Ash Content	5% max
Pesticide Residue	As per international standards
Microbial Load	As per food safety standards

### 4. Grades of Sunflower Seeds

Grade	Size	Purity
Premium Grade	10mm to 12mm	99.5%
Standard Grade	8mm to 10mm	99%
Industrial Grade	7mm to 8mm	98%

### 5. Packing and Shipping Details

- **Packing:**
  - Food-grade poly bags, vacuum-sealed bags, or jute bags with liners
  - Standard Sizes: **10kg, 25kg, 50kg**, or customized packing
- **Load Capacity:**
  - **20 FT Container:** 13 Metric Tons (MT)
  - **40 FT Container:** 26 Metric Tons (MT)
- **Shelf Life:** Up to **1 year** when stored in a cool, dry place, away from moisture, light, and heat.