



1. Product Details

- **Product:** Flax Seeds
- **Origin:** India
- **Botanical Name:** *Linum usitatissimum*
- **Form:** Whole dried seeds
- **Color:** Golden or brown (varies based on variety)



2. Physical Specifications

Parameter	Specification/Range
Appearance	Small, flat, oval-shaped seeds with a shiny surface
Color	Golden or brown (uniform within grade)
Size	4mm to 6mm
Purity	99% to 99.5%
Foreign Matter	0.5% max
Admixture	0.5% max
Moisture Content	8% to 10% max
Odor	Neutral, slightly nutty aroma
Broken Seeds	2% max

3. Chemical Specifications

Parameter	Specification
Moisture Content	8% to 10% max
Omega-3 Fatty Acids	20% to 23%
Protein Content	18% to 20%
Fiber Content	28% to 32%
Total Fat	35% to 40%
Carbohydrates	29% to 35%
Ash Content	3% to 5% max
Pesticide Residue	As per international standards
Microbial Load	As per food safety standards

4. Grades of Flax Seeds

Grade	Purity
Premium Grade	99.5% (clean and uniform size/color)
Regular Grade	99% (minor admixtures, suitable for food use)
Industrial Grade	98% (used for oil extraction)

5. Packing and Shipping Details

- **Packing:**
 - Food-grade poly bags, PP Bags, or jute bags with liners
 - Standard Sizes: **10kg, 25kg, 50kg**, or customized packing
- **Load Capacity:**
 - **20 FT Container:** 19 Metric Tons (MT)
 - **40 FT Container:** 26 Metric Tons (MT)
- **Shelf Life:** Up to **2 years** when stored in a cool, dry place, away from moisture, light, and heat.

