

1. Product Details

- **Product:** Quinoa Seeds
- **Origin:** India
- **Botanical Name:** *Chenopodium quinoa*
- **Form:** Whole, dried seeds
- **Color:** White, cream, red, or black (depending on variety)



2. Physical Specifications

Parameter	Specification/Range
Appearance	Small, round seeds with a slight natural sheen
Color	White to cream (or red/black for specific varieties)
Size	1mm to 2mm
Purity	99% to 99.5%
Foreign Matter	0.5% max
Admixture	0.5% max
Moisture Content	10% to 12% max
Odor	Neutral, slightly nutty aroma
Broken Seeds	1% max

3. Chemical Specifications

Parameter	Specification
Moisture Content	10% to 12% max
Protein Content	12% to 15%
Fat Content	5% to 6%
Fiber Content	6% to 8%
Carbohydrate Content	60% to 64%
Saponin Content	Less than 0.12% (if pre-washed)
Pesticide Residue	As per international standards
Microbial Load	As per food safety standards

4. Grades of Quinoa Seeds

Grade	Purity
Premium Grade	99.5% (pre-washed, uniform size, free from saponin taste)
Regular Grade	99% (requires washing before use, minor impurities)
Industrial Grade	98% (used for processing purposes)

5. Packing and Shipping Details

- **Packing:**
 - Food-grade poly bags, PP Bags, or paper bags
 - Standard Sizes: **10kg, 25kg, 50kg**, or customized packing
- **Load Capacity:**
 - **20 FT Container:** 20-22 Metric Tons (MT)
 - **40 FT Container:** 26-27 Metric Tons (MT)