



1. Product Details

- **Product:** Fennel Seeds
- **Origin:** India
- **Botanical Name:** *Foeniculum vulgare*
- **Form:** Whole dried seeds
- **Color:** Green to yellowish-green



2. Physical Specifications

Parameter	Specification/Range
Appearance	Uniform, oblong, grooved seeds
Color	Bright green to yellowish-green
Size	3mm to 5mm
Purity	99% to 99.5%
Foreign Matter	0.5% max
Admixture	0.5% max
Moisture Content	6% to 8% max
Odor	Sweet, anise-like aroma
Broken Seeds	1% max

3. Chemical Specifications

Parameter	Specification
Moisture Content	6% to 8% max
Total Ash	9.5% max
Acid Insoluble Ash	1.25% max
Volatile Oil Content	1.5% to 2.5%
Protein Content	10% to 12%
Fiber Content	11% to 13%
Pesticide Residue	As per international standards
Microbial Load	As per food safety standards

4. Grades of Fennel Seeds

Grade	Purity
Premium Grade	99.5% (bright green, uniform size)
Regular Grade	99% (moderate green, minor impurities)
Commercial Grade	98% (yellowish-green, industrial use)

5. Packing and Shipping Details

- **Packing:**
 - PP Bags, Jute Bags, or Paper Bags
 - Standard Sizes: **10kg, 25kg, 50kg**, or customized packing
- **Load Capacity:**
 - **20 FT Container:** 14 Metric Tons (MT)
 - **40 FT Container:** 26 Metric Tons (MT)