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### 1. Product Details

- **Product:** Black Mustard Seeds
- **Origin:** India (Rajasthan, Gujarat, Madhya Pradesh, Uttar Pradesh)
- **Botanical Name:** *Brassica nigra*
- **Form:** Whole dried seeds
- **Color:** Black to dark brown



### 2. Physical Specifications

Parameter	Specification/Range
Appearance	Small, round, dry seeds
Color	Black to dark brown
Size	1mm to 2mm
Purity	99% to 99.5%
Foreign Matter	0.5% max
Admixture	0.5% max
Moisture Content	6% to 8% max
Odor	Strong, pungent aroma
Broken Seeds	1% max

### 3. Chemical Specifications

Parameter	Specification
Moisture Content	6% to 8% max
Total Ash	4% max
Acid Insoluble Ash.	1.25% max
Volatile Oil Content	0.5% to 1.2%
Oil Content	30% to 35%
Protein Content	25% to 28%
Pesticide Residue	As per international standards
Microbial Load	As per food safety standards

### 4. Grades of Black Mustard Seeds

Grade	Purity
Premium Grade	99.5% (clean and uniform size)
Regular Grade	99% (minor impurities)
Commercial Grade	98% (used for oil extraction)

### 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:** 22 Metric Tons (MT)
  - **40 FT Container:** 27 Metric Tons (MT)

**CHILLI | SESAME | RAISIN | SPICES | HERBS**

GOVERNMENT OF INDIA RECOGNISED STAR EXPORT HOUSE