



## 1. Product Details

- **Product:** Asaliya Seeds
- **Origin:** India
- **Botanical Name:** *Lepidium sativum*
- **Form:** Whole dried seeds
- **Color:** Reddish-brown



## 2. Physical Specifications

| Parameter        | Specification/Range                          |
|------------------|--|
| Appearance       | Small, oval-shaped seeds with ridged texture |
| Color            | Reddish-brown (uniform)                      |
| Size             | 1.5mm to 2.5mm                               |
| Purity           | 99% to 99.5%                                 |
| Foreign Matter   | 0.5% max                                     |
| Admixture        | 0.5% max                                     |
| Moisture Content | 8% to 10% max                                |
| Odor             | Mild, earthy, and nutty aroma                |
| Broken Seeds     | 2% max                                       |

## 3. Chemical Specifications

| Parameter         | Specification                  |
|-------------------|--------------------------------|
| Moisture Content  | 8% to 10% max                  |
| Protein Content   | 20% to 25%                     |
| Carbohydrates     | 35% to 40%                     |
| Fats              | 5% to 7%                       |
| Calcium           | 350mg to 400mg                 |
| Iron              | 6mg to 8mg                     |
| Ash Content       | 5% max                         |
| Pesticide Residue | As per international standards |
| Microbial Load    | As per food safety standards   |

## 4. Grades of Asaliya 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 bulk and medicinal purposes)    |

## 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:** 18-20 Metric Tons (MT)
  - **40 FT Container:** 25-26 Metric Tons (MT)
- **Shelf Life:** Up to **1 year** when stored in a cool, dry place, away from moisture, light, and heat.

