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1. Product Details

- **Product Name:** Urad Dal (Split Black Gram)
- **Botanical Name:** *Vigna mungo*
- **Family:** Fabaceae
- **Type:** Split, hulled lentils (with or without the black skin)
- **Origin:** India
- **Description:** Urad Dal is derived from black gram beans that are hulled and split. It is widely used in Indian cuisine to prepare dishes like dals, papad, and batter for idli and dosa. Its rich, earthy flavor and creamy texture make it a staple in many regional dishes.



2. Physical Specifications

Parameter	With Skin (Split Black Gram)	Without Skin (Hulled Urad Dal)
Appearance	Flat, split lentils with black skin	Flat, split lentils, ivory white
Size	2–4 mm	2–4 mm
Moisture Content	≤ 14%	≤ 14%
Purity	≥ 99%	≥ 99%
Foreign Matter	≤ 0.5%	≤ 0.5%
Broken Grains	≤ 3%	≤ 3%
Damaged/Discolored Grains	≤ 2%	≤ 1%

3. Chemical Specifications

Parameter	Specification
Protein Content	≥ 24%
Ash Content	≤ 2.5%
Acid Insoluble Ash	≤ 0.5%
Pesticide Residue	Compliant with international standards
Aflatoxin Levels	≤ 10 ppb (As per EU/US norms)
Microbial Load	Compliant with food safety standards

4. Nutritional Information (per 100g)

Nutrient	Content
Energy	347 kcal
Carbohydrates	58g
Dietary Fiber	18g
Protein	24g
Fat	1.5g
Calcium	138mg
Iron	7.6mg
Potassium	983mg

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5. Packing and Shipping Details

- **Packing:**
 - Food-grade polybags, jute bags, or PP woven sacks.
 - Common sizes: **25kg, 50kg**, or tailored per buyer requirements.
- **Storage:**
 - Store in a cool, dry place, away from direct sunlight and moisture.
- **Shelf Life:**
 - **12–18 months** under proper storage conditions.
- **Container Loading Capacity:**
 - **20ft Container:** Up to 20 MT (Metric Tons)
 - **40ft Container:** Up to 27 MT (Metric Tons)



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