



1. Product Details

- Product Name:** Moong Dal (Split Green Gram)
- Botanical Name:** *Vigna radiata*
- Family:** Fabaceae
- Type:** Split, polished yellow lentils (hulled green gram)
- Origin:** India
- Description:** Moong Dal is made by hulling and splitting whole green gram (Moong beans). Known for its light and digestible properties, it is a staple in Indian cuisine for making soups, dals, and khichdi.



2. Physical Specifications

Parameter	Specification
Appearance	Flat, split lentils with smooth surface
Color	Light yellow (hulled)
Size	2–4 mm
Moisture Content	≤ 14%
Purity	≥ 99%
Foreign Matter	≤ 0.5%
Broken Grains	≤ 3%
Damaged/Discolored Grains	≤ 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	59g
Dietary Fiber	8g
Protein	24g
Fat	1.2g
Calcium	124mg
Iron	5.9mg
Potassium	730mg



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5. Packing and Shipping Details

- **Packing:**
 - Food-grade polybags, jute bags, or PP woven sacks.
 - Common sizes: **25kg, 50kg**, or customized as 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)

