

## Flax Seeds – Product Specification

### 1. Product Details:

- **Product** – Flax Seeds (Linum usitatissimum)
- **HS Code** – 12040090
- **Origin** – India



### 2. Physical Specifications:

Parameter	Specification
Form	Whole Seeds
Color	Shiny Brown to golden yellow
Purity	Min 99%
Aroma/Taste	Mild, Pleasant, Nutty, Characteristic
Foreign Matter	Max 0.5%
Broken Seeds	Max 2%

### 3. Chemical Analysis:

Parameter	Standard Range
Moisture	Max 8%
Ash Content	≤4%
Acid Insoluble Ash	≤1%
Omega-3 Fatty Acids (ALA)	50 – 60% of total fatty acids
Oil Content (Fat Content)	35 - 45%
Aflatoxin (B1 + B2 + G1 + G2)	10 PPB
Ethylene Oxide	Not Permitted / ≤ 0.1 mg/kg

### 4. Packing and Shipping Details:

- **Packing:**
  - PP Bags, Jute Bags, Food Grade Poly Bags or customized packaging.
  - Sizes: 10kg/25kg/50kg bags
- **Load Capacity:**
  - 20 FT Container: 18-19 MT
  - 40 FT Container: 26-28 MT
- **Shelf Life:** Up to 12 – 18 months if stored properly.



# Dhanam Exim

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## 5. Key Features:

- **100% Natural & Premium Quality:** Machine-cleaned and sortex-cleaned flax seeds with high purity and uniform brown/golden colour.
- **Rich Nutritional Profile:** Excellent source of Omega-3 fatty acids (ALA), dietary fibre, plant protein, and lignans – beneficial for heart and digestive health.
- **Culinary & Food Applications:** Used in bakery, smoothies, granola, salads, and health snacks for texture and nutrition enhancement.
- **Health & Industrial Uses:** Extensively used in nutraceuticals, cold-pressed oils, cosmetics, and functional food formulations.
- **Export Grade Quality:** Complies with FSSAI, ISO, and Codex Alimentarius standards – suitable for food, oil extraction, and health product industries globally.

