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## Dried Dill Leaves Specification Sheet

### 1. Product Overview

Botanical Name: *Anethum graveolens*

Part Used: Leaves/Foliage

Process: Harvested, cleaned, dehydrated (air-dried or freeze-dried), and sieved.

Origin: India, Egypt, or Eastern Europe.

### 2. Sensory Characteristics

Parameter	Standard
Appearance	Fine needle-like leaf fragments
Color	Bright green to dark green (uniform)
Aroma	Distinctive, pungent, aromatic with sweet/citrus notes
Flavor	Warm, herbaceous with slight anise-like undertone

### 3. Physical & Chemical Requirements

These parameters ensure the product is potent and free from excessive waste.

**Moisture Content:** Max 10%

**Total Ash:** Max 12%

**Acid Insoluble Ash:** Max 2.5%

**Volatile Oil Content:** Min 0.3% – 0.5% (v/w)

**Extraneous Matter:** Max 1% (Stems, seeds, or non-toxic foreign plant material)

**Fineness/Sieve Analysis:** Typically 1–3 mm (Adjustable based on B2B requirements)

### 4. Microbiological Standards

Essential for international food safety compliance (e.g., FDA, EU regulations).

**Total Plate Count (TPC):** < 100,000 cfu/g

**Yeast & Mold:** < 1,000 cfu/g

**Salmonella:** Absent in 25g

**E. Coli:** < 10 cfu/g

**Coliforms:** < 100 cfu/g

### 5. Packaging & Storage

**Primary Packaging:** Food-grade HDPE/LDPE bags or multi-wall paper bags with inner liners.

**Secondary Packaging:** Corrugated fiberboard cartons (for bulk export).

**Storage Conditions:** Store in a cool, dry place (Temperature < 20°C) away from direct sunlight and strong odors.

**Shelf Life:** 12 to 24 months when stored under optimal conditions.

### Quality Assurance & Certifications

For high-end B2B clients, the following are often mandatory:

Phytosanitary Certificate (issued by the export country's plant protection authority).

Certificate of Analysis (COA) per batch.

Non-GMO Statement & Gluten-Free Certification.

**Lab Reports:** Heavy metal testing (Lead, Cadmium, Mercury) and Pesticide residue analysis.

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