



1. Product Overview

- **Product:** Dehydrated Onion (White, Pink & Red)
- **Forms:**
 - Onion Powder (White, Pink & Red)
 - Onion Minced (White, Pink & Red)
 - Onion Chopped (White, Pink & Red)
 - Onion Flakes (White, Pink & Red)
 - Onion Granules (White, Pink & Red)
- **Botanical Name:** *Allium cepa*
- **Origin:** India
- **Color:** White to off-white (varies slightly by form)
- **Aroma:** Strong, pungent onion aroma

2. General Specifications

Parameter	Specification/Range
Appearance	Form-specific, white to off-white color
Moisture Content	≤ 6%
Purity	≥ 99%
Foreign Matter	≤ 0.5%
Defects	Free from burnt, discolored, or off-odor particles
Aroma	Strong, typical of fresh onion

3. Specifications by Form

a. Dehydrated Onion Powder (White, Pink & Red)

- **Particle Size:** Fine, 80–100 mesh
- **Appearance:** Smooth, white to off-white powder
- **Applications:** Spice blends, snacks, instant foods, soups, and seasonings

b. Dehydrated Onion Minced (White, Pink & Red)

- **Particle Size:** 1mm to 3mm (small, coarse particles)
- **Appearance:** Uniform granules, white to light beige
- **Applications:** Seasonings, ready-to-eat meals, and curries

c. Dehydrated Onion Chopped (White, Pink & Red)

- **Particle Size:** 3mm to 5mm
- **Appearance:** Coarsely chopped onion pieces, pale beige
- **Applications:** Soups, stews, and industrial food preparation

d. Dehydrated Onion Flakes (White, Pink & Red)

- **Size:** Thin slices, 8mm to 15mm
- **Appearance:** Uniform white to light beige flakes
- **Applications:** Soups, stews, sauces, and toppings for salads

e. Dehydrated Onion Granules (White, Pink & Red)

- **Particle Size:** 0.5mm to 2mm
- **Appearance:** Coarser than powder, fine and uniform granules
- **Applications:** Spice mixes, marinades, and dressings



4. Chemical Specifications

Parameter	Specification
Moisture Content	$\leq 6\%$
Volatile Oil Content	$\geq 0.25\%$
Ash Content	$\leq 4\%$
Acid Insoluble Ash	$\leq 0.5\%$
Pesticide Residue	As per international standards
Microbial Load	Compliant with food safety standards

5. Nutritional Highlights (per 100g)

Nutrient	Amount
Calories	340 kcal
Protein	10g
Carbohydrates	75g
Dietary Fiber	8g
Fat	0.5g
Calcium	50mg
Iron	2mg
Magnesium	30mg
Potassium	1100mg

6. Packing and Storage Details

- Packing:**
 - Food-grade polybags, HDPE bags, or vacuum-sealed packs
 - Sizes: **25kg**, or **50kg**
 - Bulk and customized packaging available
- Storage:**
 - Store in a cool, dry place, away from moisture and direct sunlight.
- Shelf Life:**
 - Up to **12 months** under optimal storage conditions.
- Load Capacity:**
 - 40 FT Container:** 15-27 Metric Tons (MT)

