

SPECIFICATION

Product Name: Pomegranate Powder (Spray Dried)
Chemical Formula: N/A
CAS Number: N/A
Molecular Weight: N/A
Appearance: Pink shade free flowing powder
Odor: Odor

Chemical Composition

Parameter	Unit	Typical Value	Specifications Min./Max.
Moisture (70°C Vacuum Oven)	%	3.24%	NMT 5.00%
Ash	%	3.20%	NMT 5.00%
pH (10% solution)	-	3.15	5.00
Acidity (as citric acid)	%	1.80%	2.00%
Mesh size	%	100%	>95% through 30 mesh

Microbiological Test

Total plate count	cfu/g	30	Less than 1000 cfu/g
Yeast & mould	cfu/g	<10	Less than 20 cfu/g
E. coli	Absent/g	Absent	Absent/1g
Salmonella	Absent/g	Absent	Absent/25g
Coliforms	Absent/g	Absent	Absent/1g

Physical Properties

- Solubility: Soluble in water. Soluble in ethanol. Soluble in methanol. Insoluble in acetone. Insoluble in ether. Insoluble in chloroform.

Shelf Life & Storage

- Shelf Life: 2 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a tightly closed, moisture-resistant container in a cool, dry, and well-ventilated place, protected from moisture, excessive heat, direct sunlight, and contamination.

Applications

- Use: Widely used as a natural flavoring agent, coloring ingredient, antioxidant source, and nutritional fortificant in the food, beverage, nutraceutical, and health supplement industries.
- Dosage: Depends on Desired flavor intensity, Color intensity, Polyphenol/antioxidant target, Product formulation, Processing conditions, Regulatory requirements.

Packaging

- Standard Packing: 25 Kgs pp bag with inner liner and 1 Kgs or as per customer requirement.
- Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.

* Specifications are based on the manufacturer's provided specifications.