

SPECIFICATION

Product Name: Psyllium Husk Powder 95% (60 mesh) USP/EP Grade
Chemical Formula: N/A
CAS Number: 8063-86-9
Molecular Weight: N/A
Appearance: Pale buff white coloured husk powder
Odor: Odor

Chemical Composition

Parameter	Unit	Typical Value
Taste	-	Bland mucilaginous
Purity	%	NLT 95%
Mesh size (Material retained on ASTM 60 mesh sieve)	%	NMT 5%
Moisture	%	Max. 12%
Total ash	%	Max. 4%
Acid insoluble ash	%	Max. 1%
Swell volume	ml/gm	NLT 45 ml/gm
PH	-	4 – 7
Light extraneous matter	%	Max. 5%
Heavy extraneous matter	%	Max. 1%
Foreign smell/test	-	None
Foreign bodies (stone, glass & metals)	-	None

Total consumable fiber	%	About 82%
Insect fragments including mites	Parts/gm	27 parts/gm
Lead	PPM	<1 PPM
Cadmium	PPM	<0.5 PPM
Arsenic	PPM	<0.5 PPM
Mercury	PPM	<0.1 PPM
Microbiological limits		
Total aerobic plate count	cfu/gm	Max. 100000 cfu/gm
Total yeast & mould per gm	cfu/gm	Max. 1000 cfu/gm
E. coli	g	Absent
Coliform	cfu/gm	Max. 100 cfu/gm
Salmonella	25g	Absent
Pseudomonas aeruginosa	cfu/gm	<10 cfu/gm
Staphylococcus Aureus	cfu/gm	<10 cfu/gm

Physical Properties

- Solubility: Insoluble in water. Insoluble in ethanol. Insoluble in acetone. Insoluble in oils.

Shelf Life & Storage

- Shelf Life: 2 years from date of manufacture under recommended storage.
 - Storage Conditions: Store in a cool, dry, and well-ventilated place at 15–30°C. Protect from moisture, excessive humidity, direct sunlight, and contamination. Keep the container tightly closed in the original, properly labeled packaging to prevent moisture absorption and caking. Store away from strong odors, strong oxidizing agents, and incompatible materials to maintain product quality, swelling capacity, and stability.

Applications

- Use: Widely used as a natural soluble dietary fiber and bulk-forming agent in pharmaceutical, nutraceutical, and food formulations. It supports digestive health, bowel regularity, and normal gastrointestinal function by absorbing water and forming a gel. It is commonly incorporated into fiber supplements, laxative preparations, tablets, capsules, sachets, powdered drink mixes, functional foods, bakery products, cereals, and dietary supplements.
- Dosage: Depends on the intended use, patient age, clinical condition, and product formulation.

Packaging

- Standard Packing: 25 Kgs woven pp bag with inner liner 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.