

## Sarda Bio Polymers Private Limited

CIN: U24233MH2012PTC234791

GSTIN: 08AARCS9529A1ZZ

Registered Office: 2nd Floor, 14/16, Gopal Das Mantri Marg, Vithalwadi, Kalbadevi Road, Mumbai, India – 400 002

Factory: H1-105 to 108, 4th Phase Industrial Area, Pali-Marwar, Rajasthan, India – 306 401

Telephone: +91 22 22407155 / +91 2932 281252 | Fax: +91 2932 281324

Email: support@sardabiopolymers.com | Website: [www.sardabiopolymers.com](http://www.sardabiopolymers.com)

### Product Data of ISABGOL 10A

#### Description, composition and properties

ISABGOL 10A is powdered form of high purity dried seed coat (epidermis) of the seeds of *Plantago ovata*. It is a fiber that has high water binding capabilities that can be used for thickening, suspending, thermal shock absorption, volumizing by air retention etc. It is also used as dietary fiber as well.

#### Dosage and application area

Suitable for various health and food recipes with dosage suitable to application from 0.25 to 12% on total product.

#### Direction of use

Disperse in water ensuring no lump formation and carry further steps of processing as suitable in the preparation. Pre-Mix dispersion in other powder additives of the recipe is also workable way of dosing.

#### Physical-chemical properties

Purity	> 99%
Appearance	White free flowing powder
Taste	Tasteless
Odor	Faint Distinct
Moisture	< 10%
Mucilloid content on dry basis	> 95%
Light Extraneous Matter	< 1% max.
Heavy Extraneous Matter	< 1%
Viscosity (1% solution, Brookfield RVT or RVDV, 20 rpm, 25°C) after 1 hour	> 2200 cps
Swell Volume/gm	> 40 ml
Acid Insoluble Residue	< 1%

Ash	< 4%
pH	6.5 to 8
<b><u>Granulation</u></b>	
Through 80 mesh	100%
Through 100 mesh	> 80%

#### Microbiological properties

Total plate count	< 2500/g
Yeast and Mold	< 100/g
Coliforms	Absent in 0.1 g
Salmonella	Absent in 350 g
E.coli	Absent in 0.1 g
Staphylococcus Aureus	< 10 CFU/g

#### Heavy Metals

Arsenic	< 1 mg/KG
Lead	< 1 mg/KG
Cadmium	< 1 mg/KG
Mercury	< 1 mg/KG
Heavy metals	< 5 mg/KG

#### Packaging, Storage & Shelf Life

ISABGOL 10A is recommended to be stored in cool and dry place Before opening the primary packaging, it is best before use within 24 months of date of production. Opened packaging shelf life depends on the storage conditions due to hygroscopic nature of the material. It is packed in plastic/paper bags with HDPE/PE/LD liner inside of 25 kg net.

#### Supporting documentation

MSDS, Kosher, Halal and Non GMO declarations are available on request.

#### Country of Origin

India

**Allergens declaration for ISABGOL 10A**

Yes	No	Allergens
	X	Cereals containing gluten
	X	Crustaceans
	X	Eggs
	X	Fish
	X	Peanuts
	X	Soybeans
	X	Milk (incl. lactose)
	X	Nuts
	X	Celery
	X	Mustard
	X	Sesame seeds
	X	Sulphur dioxide and sulphites (>10mg/kg)
	X	Lupin
	X	Molluscs