



Sarda Bio Polymers Private Limited

GST Number: 08AARCS9529S1ZZ (Rajasthan)

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Product Data of ISABGOL 10A

Description, composition and properties

ISABGOL 10 A is powdered form of the dried seed coat (epidermis) of the seeds of *Plantago ovata*. Promotes multiple properties including thickening, suspending, thermal shock absorption, volumizing by air retention etc.

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.

Physico-chemical properties

(Tests conducted for each batch)

Purity	> 99%
Taste	Tasteless
Odor	Faint Distinct
Moisture	< 12%
Mucilloid content	> 95%
Light Extraneous Matter	5 ~ 10% max.
Heavy Extraneous Matter	< 1.1%
Swell Volume / gm.	> 40 ml
Acid Insoluble Residue	< 1%
Ash	< 4%
Color	White
pH	6.5 to 8

<u>Granulation</u>	
Through 80 mesh	100%
Through 100 mesh	> 80%

Microbiological properties

(Tests conducted for each batch)

Total plate count	< 2500/g
Yeast and Mold	< 100/g
Coliforms	Absent in 0.1 g
Salmonella	Absent in 25 g
E.coli	Absent in 0.1 g

Heavy Metals

(Tests conducted twice in a year)

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

Nutritional data per 100 gm

Energy	350 kcal
Fat	2 g
-Saturated	0 g
-Transfat	0 g
Cholesterol	0 mg
Carbohydrate	88 g

Fiber	88 g
Protein	1 g
Vitamin A	0 IU
Vitamin C	0 IU
Sodium	5 mg
Calcium	30 mg
Iron	1 mg
Potassium	200 mg

Packaging, Storage & Shelf Life

ISABGOL 10 A 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 paper bags with HDPE/PE/LD liner inside of 25 kg net.

Purity and legal status

ISABGOL 10 is produced under good manufacturing conditions with FSSC-22000 certification in the production facility.

Safety & Handling

MSDS, the Material Safety Data Sheet is available on the request.

Country of Origin

India

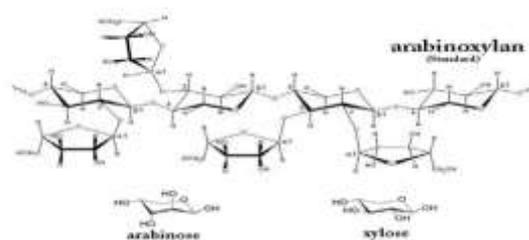
Kosher status

This material is Kosher and Halal approved. Relevant certificates are available on request.

GMO Status

None of the components of ISABGOL 10A are derived from GMO.

Molecular structure:



Allergens

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