

PRODUCT SPECIFICATION SHEET

PectiFy™ PHG Pectin

DESCRIPTION

PectiFy™ PHG Pectin is a extra slow setting purified high methoxyl pectin, extracted from Citrus peel.

APPLICATION

Pharmaceutical-grade Pectin, US

BENEFITS

- **Solubility Enhancement:** Enhances solubility of active pharmaceutical ingredients for better bioavailability.
- **Stabilization:** Stabilizes suspensions and emulsions in liquid pharmaceutical formulations.
- **Gastrointestinal Protection:** Offers a protective barrier in oral medications, minimizing irritation.
- **Bioadhesive Properties:** Enhances adhesion to mucosal surfaces for extended local drug release.

TYPICAL USE LEVEL

Recommended dosage 0.5-3.0% by total weight.

Ingreland Limited

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SPECIFICATIONS (Reported on Certificate of Analysis)

Property	Specification
Loss on drying , %	10Max
Free Methyl Alcohol , %	1Max
Galacturonic Acid , %	74Min
Total Plant Count , cfu/g	5,000 Max
Yeast & Mould , cfu/g	100 Max
E. Coli	Absent in 5g
Salmonella	Absent in 25g
Staphylococcus Aureus	Absent in 25g

REGULATORY COMPLIANCE

Conforms to the definition and specifications from JECFA (FAO/WHO), FDA 21 CFR and European Commission Regulation 231/2012/EC. However, we recommend that the user ensure that this product is in compliance with the local regulations in force, particularly in the country where the product is to be consumed.

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STANDARD PACKAGING

Packed in 25 kg paper bags. All packaging material complies with FDA and EU food contact legislation.

SHELF LIFE AND STORAGE CONDITION

When stored in a roofed and well-ventilated area in the unopened original package, the product may be stored up to 730 days (24 months) from date of manufacture. Shelf Life/Best Before period is based on purity and identity specifications and is the guaranteed period through which we guarantee that the products are in compliance with the purity and identity criteria defined in the regulatory compliance section.

OTHER CHARACTERISTICS

PHG Pectin is produced from natural raw materials, thus batch to batch variation of color, flavor and odor may occur.

GMO STATUS

PectiFy™ PHG Pectin does not consist of, nor contain, nor is produced from genetically modified organisms according to the definitions of Regulations (EC) 1829/2003 and Regulations (EC) 1830/2003 of the European Parliament and of the Council of 22 September 2003. For the raw materials having the potential of being produced from genetically modified organisms we have obtained written information from our suppliers stating that the raw material are not produced from genetically modified organisms according to the definitions of the above mentioned EC Regulations.

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ALLERGENS

Celery	Does not contain
Gluten	Does not contain
Eggs	Does not contain
Milk	Does not contain
Fish	Does not contain
Lupin	Does not contain
Mollusks	Does not contain
Mustards	Does not contain
Sesame	Does not contain
Crustaceans	Does not contain
Soy	Does not contain
Tree nuts	Does not contain
Peanuts	Does not contain
Sulphites	Does not contain

ADDITIONAL DOCUMENT

Additional documents available upon request. Contact us at contact@ingreland.com

DISCLAIMER

The information provided in this Product Specification Sheet relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. All information and instructions provided in this Product Specification Sheet are based on the current state of our knowledge at the latest revision date indicated. It is the responsibility of the user to be aware of and to follow the regulations applying to our product for its possession, handling and use.

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