

## PRODUCT DESCRIPTION - PD 234703-1.1EN

### Danisco Xylanase 8000 G

Feed enzyme system

#### Application

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Danisco Xylanase 8000 G is a feed enzyme system specifically developed for use in pig and poultry diets.

#### Usage levels

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For pig diets based on wheat, rye or triticale or a combination of these grains and their by products: 0.125-0.5 kg/tonne (0.0125-0.05%) of finished feed, as recommended by the Porcheck™ dose optimisation service, included either directly or via a premix.

For growing/finishing pigs, from 15kg weight, fed diets based on corn, broken rice or sorghum, or a combination of these grains including wheat by-products or rice by-products: 0.35 - 0.5 kg/tonne (0.035-0.05%) of finished feed, included either directly or via a premix..

For poultry diets containing at least 20% wheat, rye or triticale.

For broiler diets: 0.08-0.315 kg/tonne (0.008-0.0315%) of finished feed, as recommended by the Avicheck™ dose optimisation service, included either directly or via a premix.

Laying hens: 0.235 kg/tonne (0.0235%) of finished feed, included either directly or via a premix.

For other poultry applications: 0.315 kg/tonne (0.0315%) of finished feed, included either directly or via a premix.

#### Processing stability

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For optimum bioefficacy, do not exceed conditioning and pelleting temperatures of 90°C (194°F).

#### Composition

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Dried Trichoderma longibrachiatum fermentation product

Wheat flour

Calcium propionate (preservative)

Guaranteed minimum activity:

endo-1,4-beta-xylanase 8000 U/g  
(EC 3.2.1.8)

Analysis methods detailing assay conditions are available upon request.

#### Properties

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Danisco Xylanase 8000 G is supplied as a light brown, fine granular product as follows:

Typical particle size based on sieve fineness:

Micrometers	Approx %
>1400	8
<1400 to >125	86
<125	6

Particle size distribution studies by Method DIN 53734 indicate absence of particles less than 10 micrometers. Danisco Xylanase 8000 G is sieved to 2.5mm prior to packaging.

Bulk density	650 kg/m <sup>3</sup>
Moisture content	Maximum 12 %

#### Physical/chemical specifications

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The wheat flour carrier has the following characteristics:

Moisture	Max. 14 %
Specific weight	Min. 0.75 kg/l
Foreign seeds	Max. 1 % (Galium max 0.5%)

Enzymes are produced in accordance with FAO/WHO JECFA and FCC recommendations as follows:

Lead	< 5 ppm
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#### Microbiological specifications

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The wheat flour carrier is purchased according to the following microbiological specification:

Salmonella/25g	Negative by test
E.coli/25g	< 10 CFUs/g
Coliforms	< 100 CFUs/g
Total viable count	< 1000000 CFUs/g

Enzymes are produced in accordance with FAO/WHO JECFA and FCC recommendations as follows:

Aflatoxins	Negative by test
Antibiotic activity	Negative by test
Salmonella/25g	Negative by test
E.coli/25g	Negative by test
Coliforms	< 30 CFUs/g

There are no producing micro-organisms in the final product. None of the ingredients is of animal origin.

Danisco Xylanase 8000 G is produced according to the following specification:

Salmonella/25g	Negative by test
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#### Storage

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Store in dry conditions. The constituent enzyme activities remain stable for at least 15 months when stored in original packaging at <20°C(<68°F) and 3 months when included in a vitamin/mineral premix and stored at <20°C(<68°F).

#### Packaging

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Danisco Xylanase 8000 G is available in 25kg multi-wall paper bags and in 1000kg bulk (tote) bags.

#### Safety and handling

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Provide for good ventilation and avoid dust formation. It is recommended to use protective glasses, respiratory mask and gloves during handling. In case of accidental contact with skin or eyes, the only action needed is copious flushing with water. See the Material Safety Data Sheet for further information.

#### Additional information

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For further information please contact:

Danisco Animal Nutrition  
PO Box 777  
Marlborough  
Wiltshire  
SN8 1XN  
United Kingdom

Tel +44 (0) 1672 517777  
Fax +44 (0) 1672 517778  
[www.danisco.com/animalnutrition](http://www.danisco.com/animalnutrition)  
[info.animalnutrition@danisco.com](mailto:info.animalnutrition@danisco.com)