



TECHNICAL DATA SHEET

Revision: 3
Date: 20/07/2022

Product	GLUCOSIDÄSE
Reference	0103162 (100 g) 0103169 (500 g)
Barcode	8435499202062 (100 g) 8435499202406 (500 g)
HS Code	3507.90.90.00

1. PRODUCT DESCRIPTION:

ENZYMES FAMILY:

Glucosidäse TÖUFOOD: Powdered amyloglucosidase enzyme.

2. APPLICATIONS AND HOW TO USE:

Concentrated enzyme complex produced by fermentation of *Aspergillus niger* yeast. It degrades liquefied starch and glycosidic sugars into glucose monosaccharides. It can be applied in vegetable milk production processes or for the production of fermentable sugars for alcohol production. Its application provides sweet taste and facilitates fermentation. Its functionality and yield increase drastically if used in combination with Amyläse.

Coat, inject or dip the product with Glucosidase solution. It is recommended to impregnate with 2-5 vacuum cycles for best performance. Can be applied directly on top of the product.

3. LIST OF INGREDIENTS AND COMPOSITION:

INGREDIENTS
Maltodextrin
Amyloglucosidase

4. RECOMMENDED DOSE:

A dose of between 0,1 and 5% is recommended. It should be diluted in water or any other liquid. It can be directly applied.

5. ORGANOLEPTIC PROPERTIES:

Appearance: Powder

Color: Beige

Taste: Neutral.

Aroma: Neutral.

6. PHYSICAL-CHEMICAL PROPERTIES:

Loss on drying: <5%

pH (1% sol.): 4-6

Solubility: Soluble in water.

7. MICROBIOLOGICAL PROPERTIES:

Mesophilic aerobic microorganisms	<50000 ufc/g
E. Coli	Absence/25g
Salmonella	Absence/25g
Molds and yeasts	<30 ufc/g

8. NUTRITIONAL VALUES:

According to Regulation (EU) No 1169/2011 of the European Parliament and of the Council of 25 October 2011 on the provision of food information to consumers, enzymes doesn't need to have nutritional values.

9. NUTRITIONAL VALUES:

Not applicable.

10. PACKAGING:

Tins of 100 g in boxes of 20 tins.

Tins of 500 g in boxes of 9 tins.

		BARCODE	
PRODUCT	UNITS PER BOX	EAN 13 (PRODUCT)	EAN 14 (BOX)
0103162 (100 g)	20	8435499202062	
0103169 (500 g)	9	8435499202406	

11. STORAGE:

Recommended to keep between 15-25°C, in a cool and dry place, protected from direct light and well closed. Avoid direct storage on the ground.

12. BEST BEFORE:

Use preferably within 24 months from the production date, as long as it is kept in its closed container and in the aforementioned storage conditions.

13. LIST OF ALLERGENS:

	Present in the product		May contain traces in the product	
	YES	NO	YES	NO
Cereals containing gluten or derivatives		X		X
Crustaceans and crustacean based products		X		X
Fish and fish based products		X		X
Eggs and egg based products		X		X
Peanuts and peanut based products		X		X
Soy and soy based products		X		X
Milk and its derivatives		X	X	
Fruits with a shell and its derivatives		X		X
Celery and derivatives		X		X
Mustard and derivatives		X		X
Sesame seeds and sesame seed based products		X		X
Sulphur dioxide and sulphides in concentrations above 10 mg/kg or 10 mg/L expressed as SO ₂		X		X
Lupine and lupine based products		X		X
Mollusks and mollusk based products.		X		X

14. TRANS FAT FREE STATEMENT:

The product in relation to this document has been made without using hydrogenated fats or trans fats.

15. EU GMO STATMENT:

The product in relation to this document does not contain ingredients that have been genetically modified.

16. CERTIFICATES:

	YES	NO
HALAL: Certified		X
HALAL: suitable <ul style="list-style-type: none"> - Free from pork and derivatives - Free from poultry - Free from ethanol 	X	
KOSHER: Certified		X
KOSHER: suitable <ul style="list-style-type: none"> - Follows Jewish dietary laws 	X	

17. ADDITIONAL INFORMATION:

	YES	NO
VEGETARIANS: These products do not contain any animal products or processed foods that were treated with animal products (such as bone, etc.) but do contain animal by-products (such as eggs or egg products, milk or dairy products, honey, etc.).	X	
VEGANS: These products do not contain any animal products (meat, fish, seafood, etc.) or processed foods that were treated with products of animal origin (such as bone, etc.) or by-products of animal origin (such as eggs or egg products, milk or dairy products honey, gelatin of animal origin etc.).	X	

As there is no decision on this matter, our definition is that they are still accepted as vegan / vegetarian if they contain traces. It is up to the person to decide if it is acceptable for their own purposes.

18. LOCAL INFORMATION APPLICABLE LAW:

It will be the user's obligation to verify that the ingredients and / or doses recommended in this technical sheet comply with the local legislation applicable in the country or area of use.