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 Provisional Technical Specification



Wheat Peptone E430 AI233

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Definition

Wheat Peptone E430 is an optimized enzymatic hydrolysate of wheat.

Description

Fine beige powder soluble in water.

Wheat Peptone E430 contains a mix of peptides and free amino acids.

Wheat Peptone E430 is manufactured with raw materials from vegetal origin only.

Wheat Peptone E430 is guaranteed "non GMO" according to the European Regulations 1829/2003 and 1830/2003.

Use

Source of organic nitrogen and growth factors recommended in media for:

- Industrial fermentation
- Cell culture
- Analytical microbiology.



Physico-chemical characteristics

	Standard
Solubility in water at 2 %	Complete
pH (5 % solution)	6.2 – 7.2
Loss on drying	≤ 6 %
Total nitrogen TN	11.1 - 13.3 %
α- amino nitrogen AN	2.7 - 3.8 %
AN/TN x 100	20 - 34
Residue on ignition	≤ 15 %
Chloride (as NaCl)	≤ 4.8 %

Microbiology

	Standard
Total aerobic microbial count	≤ 10 000 /g
Coliforms	≤ 10 /g
<i>Escherichia coli</i>	Absence / g
<i>Salmonella</i>	Absence / 25 g
<i>Staphylococcus aureus</i>	Absence / 10 g
Yeasts and moulds	≤ 20 /g

Les informations contenues dans ce document, données à titre indicatif, sont conformes à nos connaissances actuelles.

Il est de la responsabilité des utilisateurs de conduire leurs propres tests pour déterminer les conditions d'utilisations selon leurs usages spécifiques.

The information contained in this publication is based on our own research and development work and is to the best of our knowledge true and accurate.

Users should, however, conduct their own tests to determine the suitability of our products for their own specific purposes.

Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for the infringement of any patents.

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Documentation

The certificate of analysis and the sanitary certificate are supplied with each delivery.

Packing and storage

25 kg net corrugated board box with inner polyethylene bags.

Upon request: 5 kg plastic drum.

Keep in original packaging closed when not in use, at room temperature in a dry area.

Hygroscopic product.

Best before: 3 years (under validation).

Health and safety information

Dusty powder.

Avoid inhalation.

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