

Edition 04/2008
 Replace Ed. 06/2006
 Provisional Technical Specification

Wheat Peptone E430 AI233

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



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

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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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