

TDS_19025_Rev01/Feb2024

Plant Peptone E1 19025

Definition

Plant Peptone E1 is manufactured by a controlled enzymatic hydrolysis of potato proteins.

Description

Fine cream powder.

Plant Peptone E1 contains a mix of peptides and free amino acids.

Plant Peptone E1 is manufactured with raw materials from vegetal origin only.

Plant Peptone E1 is guaranteed "non GMO" according to the European Regulations 1829/2003 and 1830/2003.

Use

Source of organic nitrogen, which can be used:

- in media for industrial fermentation (for cosmetic products, veterinary and human drugs, according to Regulation 1069/2009 Art 33)
- in in vitro diagnostic (according to Regulation 1069/2009 Art 33)

Physico-chemical characteristics

	Standard
Solubility in water at 1 %	Partial to Complete
pH (5 % solution)	6.8 - 7.5
Loss on drying	≤ 6,0 %
Total nitrogen TN	10.4 - 12.1 %
α-amino nitrogen AN	4.8 - 6.2 %
AN/TN x 100	40 - 60
Residue on ignition	≤ 25.0 %
Chloride (as NaCl)	≤ 16.0 %

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
Yeast and moulds	≤ 20 /g



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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: 5kg plastic drum

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

Hygroscopic product.

Best before: 5 years

Health and safety information

Dusty powder.

Avoid inhalation.



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