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Soy Peptone K200 19749

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Definition

Soy Peptone K200 is manufactured by a controlled enzymatic hydrolysis of soybean meal. Soy Peptone K200 can be supplied with Halal and Kosher certificates.

Description

Fine beige powder easily soluble in water.

Soy Peptone K200 contains a mix of peptides and free amino acids.

Soy Peptone K200 is manufactured with raw materials from vegetal origin only.

Soy peptone K200 is guaranteed "non GMO" according to the European Regulations 1829/2003 and 1830/2003.

Use

Source of organic nitrogen recommended for industrial fermentation.

Physico-chemical characteristics

	Standard
Solubility in water at 2 %	Partial to complete
pH (2 % solution)	5,5 – 7,0
Loss on drying	≤ 6 %
Total nitrogen TN	9 - 11 %
α-amino nitrogen AN	2,5 – 4,0 %
AN/TN x 100	22 – 47
Residue on ignition	≤ 15 %
Chloride (as NaCl)	≤ 1 %

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



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.

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Typical data

Amino Acids		Free (g/100g)
Alanine	Ala	0.6
Arginine	Arg	2.0
Aspartic acid	Asp	0.0
Cysteine	Cys	0.4
Glutamic acid	Glu	0.7
Glycine	Gly	0.7
Histidine + Glutamine	His + Gln	0.5
Isoleucine	Ileu	0.2
Leucine	Leu	1.6
Lysine	Lys	1.5
Methionine	Met	0.5
Phenylalanine	Phe	0.8
Proline	Pro	0.2
Serine + Asparagine	Ser + Asn	0.1
Threonine + Citruline	Thr + Cit	0.7
Tryptophan	Trp	0.3
Tyrosine	Tyr	0.7
Valine	Val	0.3

Documentation

The certificate of analysis is supplied with each delivery.
Kosher certificate can be supplied upon request.

Packing and storage

25 kg net corrugated board box with inner polyethylene bags.

Keep in original packaging closed when not in use, at room temperature in a dry area.
Best before: 5 years

Health and safety information

Dusty powder.
Avoid inhalation.

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