



## Soy Peptone A4X 19699

**Organotechnie® S.A.S.**

27, avenue Jean Mermoz  
93120 La Courneuve, France  
Tél : +33 (0) 1 49 92 87 50  
Fax : +33 (0) 1 49 92 87 51

e-mail : [info@organotechnie.com](mailto:info@organotechnie.com)  
web : <http://www.organotechnie.com>

### Definition

Soy Peptone A4X is manufactured by a controlled enzymatic hydrolysis of soy flour. It is enriched with a special Yeast Extract rich in complex B-vitamins. It is recommended for fermentation, and especially for hard to grow pathogenic bacteria.

### Description

Fine beige powder easily soluble in water.  
Soy Peptone A4X contains a mix of peptides and free amino acids.  
Soy Peptone A4X is manufactured with raw materials from vegetal origin only.  
Soy Peptone A4X 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
- in in vitro diagnostic
- as a raw material for foodstuffs. However, we recommend that the customer ensures that this product is in compliance with local regulation in force, particularly in the countries where the finished product is to be consumed.

### Physico-chemical characteristics

	Standard
pH (5 % solution)	6.6 – 7.6
Loss on drying	≤ 6 %
Total nitrogen TN	8,5 – 9,5 %
α-amino nitrogen AN	3.1 – 4.1 %
AN/TN x 100	33 – 48
Residue on ignition	≤ 20 %
Chloride (as NaCl)	≤ 1 %

### Microbiology

	Standard
Total aerobic microbial count	≤ 1 000 /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.

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.

TDS\_19699\_Rev01/Apr2023

## 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.



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.