

TDS\_17122\_Rev01/Dec2023

## C-CELL S146B 17122

### Definition

C-CELL S146B is an ultrafiltered peptone manufactured by a controlled enzymatic hydrolysis of soybean meals.

C-CELL S146B shows a low degree of hydrolysis and a high solubility and filterability.

### Description

Fine beige powder easily soluble in water.

C-CELL S146B contains a mix of peptides and free amino acids.

C-CELL S146B is manufactured with raw materials from vegetal/microbial origin only.

C-CELL S146B 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 and cell culture
- in in vitro diagnostic

- as a raw material for foodstuffs since Organotechnie is certified ISO 22 000 and has performed an HACCP study. 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
Solubility in water at 5 %	Complete
pH (5 % solution)	6.4 – 7.4
Loss on drying	≤ 6 %
Total nitrogen TN	8.2 – 9.2 %
α-amino nitrogen AN	1.9– 2.9 %
AN/TN x 100	21 – 35
Residue on ignition	≤ 24 %
Chloride (as NaCl)	≤ 1 %
Filterability (100mL, 5% w/v, 0.2μ)	≤ 300 sec
Endotoxin content	≤ 200 EU/g

### 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



**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>



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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: 25 kg plastic drum, 5kg plastic drum, 1 kg plastic bottle

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

Hygroscopic product.

Best before: 3 years

## Health and safety information

Dusty powder.

Avoid inhalation.

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