

TDS_17205_Rev01/Janv2023



C-CELL S205 17205

Organotechnie® S.A.S.

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Definition

C-CELL S205 is a micro filtered soy protein hydrolysate co-processed with Yeast Extract, manufactured by a controlled enzymatic hydrolysis of soybean meals.

C-CELL S205 is designed for biopharma and cell culture applications.

Description

C-CELL S205 is a fine beige powder easily soluble in water, containing a mix of peptides and free amino acids.

C-CELL S205 is manufactured with raw materials from vegetal origin only.

C-CELL S205 is guaranteed "non GMO" according to the European Regulations 1829/2003 and 1830/2003.

Physico-chemical characteristics

	Standard
Solubility in water at 5 %	Complete
pH (5 % solution)	6.5 – 7.5
Loss on drying	≤ 6.0 %
Total nitrogen TN	8.6 – 9.7 %
α-amino nitrogen AN	2.5 – 4.0 %
AN/TN x 100	24 – 47
Residue on ignition	≤ 21 %
Chloride (as NaCl)	≤ 1 %
Filterability	≤ 300 sec
Endotoxin content	≤ 1000 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

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Documentation

A certificate of analysis is supplied with each delivery.

Packing and storage

- 1 kg plastic bottle
- 5 kg plastic drum
- 25 kg net corrugated board box or plastic drum 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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