

TDS_17209_Rev01/Apr2023



C-CELL Y209 17209

Organotechnie® S.A.S.

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Definition

C-CELL Y209 is a micro filtered yeast extract, manufactured by autolysis of *Saccharomyces cerevisiae*.

C-CELL Y209 is designed for biopharma and cell culture applications.

Description

C-CELL Y209 is a fine pale-yellow powder easily soluble in water.

C-CELL Y209 contains a mix of peptides, free amino acids, purine and pyrimidine bases and hydrosoluble vitamins of B group.

Physico-chemical characteristics

	Standard
Solubility in water at 5 %	Complete
pH (5 % solution)	6.4 – 7.4
Loss on drying	≤ 6.0 %
Total nitrogen TN	10.0 – 11.8 %
α-amino nitrogen AN	4.8 – 6.3 %
AN/TN x 100	41 – 60
Residue on ignition	≤ 18.0 %
Chloride (as NaCl)	≤ 1.0 %
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 / 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: 3 years

Health and safety information

Dusty powder.
Avoid inhalation.



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