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**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>

## C-CELL Y209 17209

### Definition

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

**C-CELL Y209** is designed for cell culture applications. Each batch is tested on our performance model system based on Vero Cell lines.

### 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	≤ 200 EU/g

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## C-CELL Y209 / 17209

### Growth Profile

Each batch is tested on our performance model system based on Vero Cell lines.

Performance test	Standard
	Approved

### Microbiology

	Standard
Total aerobic microbial count	$\leq 1\ 000$ /g
Coliforms	$\leq 10$ /g
<i>Escherichia coli</i>	Absence /g
<i>Salmonella</i>	Absence / 25 g
<i>Staphylococcus aureus</i>	Absence / 10 g
Yeast and moulds	$\leq 20$ /g

### Documentation

The 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 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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