

TDS_17204_Rev01/June2024



C-CELL S204 17204

Organotechnie® S.A.S.

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Definition

C-CELL S204 is a micro filtered soy protein hydrolysate manufactured by a controlled enzymatic hydrolysis of soybean meals.

C-CELL S204 is co-processed with Yeast Extract. An additional purification treatment was performed during the manufacturing process in order to reduce the polyphenol content.

Description

C-CELL S204 is a fine beige powder easily soluble in water, containing a mix of peptides and free amino acids.

C-CELL S204 is manufactured with raw materials from vegetal origin only.

C-CELL S204 is guaranteed "non GMO" according to the European Regulations 1829/2003 and 1830/2003.

Use

Source of organic nitrogen, recommended for use in cell culture media.

Physico-chemical characteristics

	Standard
Solubility in water at 5 %	Complete
pH (5 % solution)	6.7 – 7.7
Loss on drying	≤ 6 %
Total nitrogen TN	8.2 – 9.8 %
α-amino nitrogen AN	2.8 – 3.8 %
AN/TN x 100	30 – 46
Residue on ignition	≤ 20 %
Chloride (as NaCl)	≤ 1 %
Filterability (100mL, 5% w/v, 0.2μ)	≤ 300 seconds

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
Endotoxin content	≤ 1000 EU/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.

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Documentation

The certificate of analysis is 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: 5 years

Health and safety information

Dusty powder.

Avoid inhalation.



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