

Edition 2021/11
Replaces Ed. 2018/07



TRYPTONE N1 (C CELL) 17207

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Definition

Tryptone N1 (C-CELL) is a micro filtered casein hydrolysate manufactured by a controlled enzymatic hydrolysis.
Tryptone N1 (C-CELL) is tested on our performance batch model system based on Vero Cell lines. It is highly recommended for cell culture applications.
Tryptone N1 (C-CELL) is used as a supplement to enhance protein expression in Mammalian Cell Lines.

Description

Tryptone N1 (C-CELL) is a fine beige powder easily soluble in water, containing a mix of peptides and free amino acids.
Tryptone N1 (C-CELL) is guaranteed “non GMO” according to the European Regulations 1829/2003 and 1830/2003.
Tryptone N1 (C-CELL) complies with the monograph 1483 of the European Pharmacopoeia regarding TSE/BSE Risk Assessment.

Use

Source of organic nitrogen, which can be used:

- in media for industrial fermentation
- 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)	6.5 - 7.5
Loss on drying	≤ 6 %
Total nitrogen TN	12.5 - 13.5 %
a-amino nitrogen AN	3.5 - 4.5 %
AN/TN x 100	26 - 37
Residue on ignition	≤ 15 %
Chloride (as NaCl)	≤ 1 %
Filterability	<300 sec
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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Growth Profile

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

	Standard
Performance test	Approved

Microbiology

	Standard
Total aerobic microbial count	$\leq 1\ 000$ /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

Documentation

The certificate of analysis and the sanitary certificate are 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: 5 years

Health and safety information

Dusty powder.
Avoid inhalation.



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