

Edition 2021/11
Replaces Ed. 2017/07



TRYPTONE N1 G.I. 19553200

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Definition

Tryptone N1 G.I. is manufactured by a controlled enzymatic hydrolysis of Casein.

Description

Fine cream powder easily soluble in water.
Tryptone N1 G.I. contains a mix of peptides and free amino acids.
It is supplied with a maximal guaranteed endotoxin content.

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 2 %	Complete
pH (2 % solution)	6,5 – 7,5
Loss on drying	≤ 6 %
Total nitrogen TN	12.1 – 13.1 %
α-amino nitrogen AN	3,5 – 4,5 %
AN/TN x 100	26 – 37
Residue on ignition	≤ 15,0 %
Chloride (as NaCl)	≤ 1,0 %

Microbiology

	Standard
Total aerobic microbial count	≤ 100 /g
<i>Staphylococcus aureus</i>	Absence / g
<i>Salmonella</i>	Absence / 10 g
<i>Escherichia coli</i>	Absence /g
Yeast and moulds	≤ 10 /g
Total bacterial endospore count	≤ 10 /g
Bile-tolerant gram-negative bacteria	Absence / g
Endotoxin content	≤ 2000 UI/g
Irradiation dose	≥ 10 kGy



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 and sanitary certificate are supplied with each delivery.

Packing and storage

15 kg net corrugated plastic drum with inner polyethylene bag.

Upon request: 5 kg plastic drum.

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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