

PASTONE*For microbiological control only*

Casein peptone for preparation of culture media

SUMMARY AND EXPLANATION

Tryptone is a peptone obtained by pancreatic hydrolysis of a high quality casein.

PRINCIPLE

It constitutes an excellent nitrogen source for most culture media because it contains essential amino acids, oligopeptides and B vitamins.

It is used to manufacture media intended for demanding bacteria cultures, in both food and medical microbiology.

It is included in formulations of culture media intended for the study of sugar fermentations or of biochemical tests.

Furthermore, it is well adapted to the preparation industrial media.

CONTENT OF THE KIT

Dehydrated ingredient	
REF AEB 170106	500g

COMPOSITION**Theoretical formula.**

This medium can be adjusted and/or supplemented according to the performance criteria required:

PHYSICAL CHARACTERISTICS

Aspect: creamy white powder

Residual Humidity: < 5%

Total Solubility in 5% Distilled Water Solution

pH: 7.0 + 0.5

Stable after 15 minutes of autoclave at 121°C.

CHEMICAL CHARACTERISTICS

Sulfuric Ash	< 15.0 %
Total Nitrogen (Kjeldahl)	11.5%
Nitrogen and Amines (Sørensen)	4.0%
Ratio Na Amines/N total	0.35%
Undigested Proteins	absent
Proteoses	present
Nitrites	absent
Potassium.....	2.4%
Chlorides (in NaCl)	0.3%
Iron	0.003%
Sodium	2.5%
Calcium	0.15%

MICROBIOLOGICAL CHARACTERISTICS

Fermentable sugars.....	absent
Reducing Sugars	absent
Indole.....	absent
Indole Production.....	positive
Acetylmethylcarbinol Production.....	positive
H ₂ S Production	positive

AVERAGE AMINO ACID CONTENT**In grams per 100 grams of product**

Aspartic Acid	6.9
Threonine.....	4.6
Serine	5.1
Glutamic Acid.....	15.4
Proline.....	9.3
Glycine.....	1.5
Alanine.....	2.4
Valine.....	4.4
Tryptophane.....	1.2
Methionine	2.1
Isoleucine.....	3.7
Leucine	7.8
Tyrosine	1.2
Phenylalanine	4.2
Lysine	5.7
Histidine	1.5
Arginine.....	2.6

WARNINGS AND PRECAUTIONS

- **For microbiological control only.**
- **For professional use only.**
- This product contains products of animal origin. Certified knowledge of the origin and/or sanitary state of the animals does not totally guarantee the absence of transmissible pathogenic agents. It is therefore recommended that these products be treated as potentially infectious and handled observing the usual safety precautions (do not ingest or inhale).
- All specimens, microbial cultures and inoculated products should be considered infectious and handled appropriately. Aseptic technique and usual precautions for handling the bacterial group studied should be observed throughout this procedure. Refer to "CLSI@ M29-A, Protection of Laboratory Workers From Occupationally Acquired Infections; Approved Guideline– current revision." For further information on handling precautions, refer to "Biosafety in Microbiological and Biomedical Laboratories – CDC/NIH Latest edition, or the current regulations in the country of use.
- Culture media should not be used as manufacturing material or components.
- Do not use reagents past the expiry date.
- Do not use media which are not homogeneous (presence of lumps).
- Avoid opening bottles in a humid atmosphere (steam, condensation, etc.).
- The medium should be used according to the procedure indicated in this package insert. Any change or modification in the procedure may affect the results.

STORAGE CONDITIONS

- **Store the bottles at 1- 30° until the expiry date.**
- Store in a dry place

SPECIMENS

Follow the recommendations in the current standards to perform specimen collection and preparation.

INSTRUCTIONS FOR USE

Use according to the instructions in the reference text used

QUALITY CONTROL

The Pastone has been designed and developed to meet the strictest quality requirements.

The results obtained using strains tested during controls for bacteriological activity are shown on the quality control certificate for each batch, available from our website (www.biomerieux.com).








WASTE DISPOSAL

Unused reagents may be considered as non hazardous waste and disposed of accordingly.

Dispose of all used reagents as well as any other contaminated disposable materials following procedures for infectious or potentially infectious products.

It is the responsibility of each laboratory to handle waste and effluents produced according to their nature and degree of hazardousness and to treat and dispose of them (or have them treated and disposed of) in accordance with any applicable regulations.

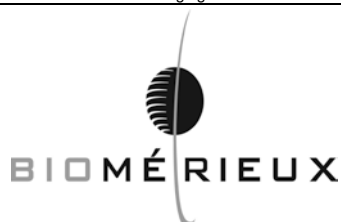
INDEX OF SYMBOLS


Symbol	Meaning
	GB : Catalogue number US : Catalog number
	Manufacturer
	Temperature limit
	Use by
	Batch code
	Consult Instructions for Use
	Keep dry

WARRANTY

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 **bioMérieux SA**
Chemin de l'Orme
69280 Marcy-l'Etoile - France

RCS LYON 673 620 399
Tél. 33 (0)4 78 87 20 00
Fax 33 (0)4 78 87 20 90
www.biomerieux.com