

Diluent for the preparation of stock solutions and dilutions

For microbiological control only

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PRINCIPLE

Peptone Salt Broth, also known as peptone saline diluent, complies with the standards NF EN ISO 6887-1 (1), NF EN ISO 6887-2 (2), NF EN ISO 6887-3 (3), NF EN ISO 6887-4 (4) and NF EN ISO 6887 - 5 (5) for the preparation and dilution of stock solutions with most food products.

Peptone Salt Broth is a diluent which has a peptone and sodium chloride base.

COMPOSITION

Theoretical formula.

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

Tryptone (Casein peptone (bovine)).....	1 g
Sodium chloride.....	8.5 g
Purified water.....	1 l

Final pH at 25°C: 7.0+/-0.2

MATERIAL REQUIRED BUT NOT PROVIDED

- Bacteriology incubator.

WARNINGS AND PRECAUTIONS

- **For microbiological control only.**
- **For professional use only.**
- This kit 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 additional 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 expiration date.
- Do not use tubes or bottles which show signs of contamination.

- Before use, make sure the caps on the tubes and the tamper-proof seals on the bottle stoppers are intact.
- Microscopic elements, possibly coming from dead micro-organisms, may be observed in the broth, but this does not alter the performance of the medium.
- 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.

SPECIMENS

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

QUALITY CONTROL

Peptone Salt broth is designed and developed to meet the strictest quality requirements.

The results of the strains tested in the batch by batch quality control are given on the quality control certificate available on request.

WASTE DISPOSAL

Dispose of used and unused 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 hazard and to treat and dispose of them (or have them treated and disposed of) in accordance with any applicable regulations.

PACKAGING

Prepared medium (Storage : between 2 and 25°C)

- AEB611492 : 6 flasks of 45 ml
- AEB611494 : 6 flasks of 90 ml
- AEB611494M: 6 flasks with septum of 90 ml
- AEB611496 : 6 flasks of 100 ml
- AEB611498 : 6 flasks of 225 ml
- AEB111500 : 100 tubes of 5 ml
- AEB111499 : 100 tubes of 9 ml
- AEB611499L: 6 flasks of 900 ml
- AEB611501M: 6 flasks with septum of 500 ml
- AEB911493/4: 4 Dilubags® of 3l
- AEB911495/2: 5 Dilubags® of 5l



PEPTONE SALT BROTH

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LITERATURE REFERENCES

1. NF EN ISO 6887-1 (1999) – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination. Part 1 : general rules for the preparation of the suspensions and the decimal dilutions.
2. NF EN ISO 6887-2 (2004) – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination. Part 2 : specific rules for the preparation of meat and meat products.
3. NF EN ISO 6887-3 (2004) – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination. Part 3 : specific rules for the preparation of fish products.
4. NF EN ISO 6887-4 (2004) – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination. Part 4 : specific rules for the preparation of products other than milk products, meat products and fish products.
5. NF EN ISO 6887-5 (2010) – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination. Specific rules for the preparation of milk and milk products.

INDEX OF SYMBOLS

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

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