

Mycological Peptone (Peptone M)

Intended Use

A nutritious ingredient used in the preparation of culture media for cultivation of Yeasts and Moulds.

Summary and Principle

Mycological Peptone is a mixture of animal and plant origin peptone. It is used in the preparation of fungal media employed for isolation, cultivation and identification of saprophytic and dermatophytic fungi.

Storage and Stability

Store dehydrated medium below 30°C in tightly closed container. Avoid freezing and overheating. Use before expiry date on the label. Once opened keep powdered medium closed to avoid hydration.

Note: TSE/BSE certificate is available on request.

Directions

Refer to the final concentration in the formula of the medium being prepared.

Quality Control

Test	Specification
Appearance	Light yellow / yellowish brown coloured powder.
Solubility	Completely soluble in water.
Colour and Clarity of 1% w/v aqueous solution after autoclaving at 15 psi / 15 min	Light yellow coloured, clear solution.
pH after autoclaving	6.5 ± 1.5
Ash Content	Not More Than 30%
Loss on Drying (Moisture Content)	Not More Than 5%
α-amino Nitrogen Content	Not Less Than 1.5%
Total Nitrogen Content	Not Less Than 8%
Total microbial count	Less than 500 cfu/g
<i>E. coli</i>	Absent
<i>Salmonella</i>	Absent
<i>Pseudomonas aeruginosa</i>	Absent
<i>Staphylococcus aureus</i>	Absent

Cultural Response

Cultural characteristics observed after an incubation of 2-5 days at 20°C-25°C.

Organism (ATCC)	Growth
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> (25923)	Good
<i>Escherichia coli</i> (25922)	Good
<i>Pseudomonas aeruginosa</i> Strain Boston 41501 (27853)	Good
<i>Streptococcus pyogenes</i> Strain Bruno (19615)	Good
<i>Candida albicans</i> 3147 (10231)	Good
<i>Aspergillus brasiliensis</i> WLRI 034(120) (16404)	Good
<i>Saccharomyces cerevisiae</i> NRRL Y-567 (9763)	Good

Reference

1. Data on file: Microexpress®, A Division of Tulip Diagnostics (P) Ltd.

Product Presentation:

Cat No.	Product description	Pack Size
202130750500	Mycological Peptone (Peptone M)	500 g
202130752500	Mycological Peptone (Peptone M)	2.5 K
202130759925	Mycological Peptone (Peptone M)	25 K (Bag)
202130759825	Mycological Peptone (Peptone M)	25 k (Drum)

Disclaimer

Information provided is based on our inhouse technical data on file, it is recommended that user should validate at his end for suitable use of the product.
