

TECHNICAL SHEET

LM016	Nutrient Broth
Formula	
Ingredients:	gms/lit.
Peptone	5.00
Meat Extract B*	1.50
Yeast extract	1.50
Sodium chloride	5.00
*- Equivalent to Beef extract	
Directions:	
Label the ready to use bottle (LM016). Inoculate the sample and incubate at specified temperature and time.	
Principle:	
Peptone, Meat Extract B and yeast extract provide the necessary nitrogen compounds, carbon, vitamins and also some trace ingredients. It can be used for the cultivation and enumeration of bacteria which are not particularly fastidious. Addition of different biological fluids such as horse or sheep blood, serum, egg yolk etc. makes it suitable for the cultivation of related fastidious organisms.	
(I) QC Tests	
Color:	Sterile clear Nutrient Broth in glass bottle/vial.
Appearance:	Light amber coloured broth in glass bottle/vial.
(II) Sterility test	Passes release criteria
(III) Q.C. Test Microbiological	
Cultural characteristics observed after incubation at 35-37°C for 18-48 hours.	
MICROORGANISM (ATCC)	Growth
STAPHYLOCOCCUS AUREUS 25923	Luxuriant
Escherichia coli 25922	Luxuriant
Pseudomonas aeruginosa 27853	Luxuriant
Streptococcus pyogenes 19615	Luxuriant

Precautions :	1. In Vitro diagnostic use only.
	2. Read the label before opening the container
Limitations :	1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.
Use:	For general cultivation of less fastidious microorganisms.
Storage:	Store between 2-8 °C. Use before expiry date on the label.
Packing:	5ml in 5/10 ml Glass vials.

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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