

TECHNICAL SHEET

LM024	Soyabean casein digest medium
Formula	
Ingredients	gms/lit.
Tryptone	17.00
Soya peptone	3.00
Sodium chloride	5.00
Dipotassium hydrogen phosphate	2.50
Glucose monohydrate	2.50
Directions:	
Label the ready to use bottle (LM024). Inoculate the sample and incubate at specified temperature and time.	
Principle:	
The combination of tryptone and soya peptone makes this medium nutritious by providing nitrogenous, carbonaceous compounds, long chain amino acids, vitamins and other minerals for the growth of microorganisms. Natural sugars in soybean promote growth of fastidious organism. Glucose monohydrate is the fermentable source of carbon and dipotassium hydrogen phosphate serves as the buffer in the medium. Sodium chloride maintains the osmotic balance of the medium.	
(I) QC Tests	
Color:	Light yellow
Appearance:	Sterile clear Soyabean casein digest medium in glass bottle.
(II) Sterility test (After 48 hours)	Passes release criteria
(III) Q.C. Test Microbiological	
Cultural characteristics observed after incubation at 35-37°C for 18-48 hours.	
MICROORGANISM (ATCC)	GROWTH
Escherichia coli (25922)	Luxuriant
Escherichia coli (8739)	Luxuriant
Escherichia coli (NTCC9002)	Luxuriant
Salmonella abony (6017)	Luxuriant
Salmonella typhimurium (14028)	Luxuriant
Staphylococcus aureus (6538)	Luxuriant
Pseudomonas aeruginosa (27853)	Luxuriant
Pseudomonas aeruginosa (9027)	Luxuriant
Candida albicans (10231)	Luxuriant
Staphylococcus aureus (25923)	Luxuriant
Bacillus subtilis (6633)	Luxuriant
Staphylococcus aureus (6538)	Luxuriant
Micrococcus luteus (9341)	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:	
A general-purpose medium used for cultivation of a wide variety of microorganisms and sterility testing of molds and lower bacteria from pharmaceutical products in accordance to microbial limit testing by harmonized system of USP/BP/EP/JP.	
Storage:	
Store between 2-8 °C. Use before expiry date on the label.	
Packing:	
5/10/50/100ml in Glass bottle.	

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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