

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

B1241	OXYTETRA GLUCOSE YEAST AGAR WITH BIOTIN				
Formula					
Ingredients :					
		gms/lit.			
Yeast extract		5.00			
Dextrose		20.00			
Biotin		0.0001			
Agar		12.00			
Final pH (at 25°C) : 7.0 ± 0.2					
Directions :					
Suspend 18.5 gms. in 500ml. distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 50°C and aseptically add reconstituted contents of one vial of Oxytetra Selective Supplement (BF086). Mix well and pour into sterile plates.					
Principles :					
OGYE Agar Base contains Yeast Extract to supply B-complex vitamins which stimulate bacterial growth. Dextrose is the carbon energy source. Agar is the solidifying agent. Antimicrobial Vial Oxytetracycline inhibits the growth of bacteria.					
QC Tests - (I) Dehydrated Medium					
	Colour :	Light to medium yellow			
	Appearance :	Homogeneous Free Flowing powder			
(II) Rehydrated medium					
	pH (post autoclaving/heating) :	7.0 ± 0.2			
	Colour (post autoclaving/heating) :	Light amber			
	Clarity (post autoclaving/heating) :	Clear to slightly opalescent			
(III) Q.C. Test Microbiological					
	Cultural characteristics observed with added 1 vial of Oxytetra Selective Supplement (BF086), after an incubation at 25-30°C after 2-5 days.				
	MICROORGANISM (ATCC)	GROWTH			
	Aspergillus niger (16404)	Good-Luxuriant			
	Saccharomyces cerevisiae (9763)	Good-Luxuriant			
	Candida albicans (10231)	Good-Luxuriant			
	Escherichia coli (25922)	Inhibited			
	Saccharomyces uvarum (9080)	Good-Luxuriant			
Precautions :					
	1. For Laboratory Use.				
	2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.				
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 isolation and enumeration of yeasts and / or moulds from foodstuffs.				
Storage :					
	Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.				
Packing :					
	500 gm. bottle				
Product profile:					
	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B1241	37 GM/LIT	13.51 L	7.0 ± 0.2	Oxytetra Selective Supplement (BF086)	121°C/15 min.

Refer disclaimer Overleaf

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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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