

BIOMARK Laboratories-INDIA

www.biomarklabs.com

TECHNICAL SHEET

B279	OXYTETRA GLUCOSE YEAST AGAR BASE (OGYE AGAR BASE)					
Formula						
Ingredients:		gms/lit.				
Yeast extract		5.00				
Dextrose		20.00				
Agar		12.00				
Final pH (at 25°C) :		7.0 ± 0.2				
Directions :						
Suspend 18.5 grams in 500 ml distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45-50°C and aseptically add reconstituted contents of one vial of Oxytetra Selective Supplement (BF086). Mix well and pour into sterile Petri plates.						
Principles :						
Yeast extract provides essential growth nutrients. Dextrose acts as carbon and energy source. Low pH helps to reduce the bacterial flora. Oxytetracycline makes the medium more selective by inhibiting the growth of Lactobacilli encountered in milk and milk-products at low pH.						
QC Tests - (I)Dehydrated Medium						
Colour :		Cream to light 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				
Saccharomyces uvarum (9080)		Good-luxuriant				
Candida albicans (10231)		Good-luxuriant				
Escherichia coli (25922)		Inhibited				
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 foods.				
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
B279		37.0 g/l	13.51 L	7.0 ± 0.2	Oxytetra Selective Supplement (BF086)	121°C/15 min.

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.

The information contained in this publication is based on our in-house studies and market performance and is to the best of our knowledge true and accurate. BIOMARK LABORATORIES reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.