BIOMARK Laboratories-INDIA

www.biomarklabs.com

TECHNICAL SHEET

| B1240 OXACILLIN RESISTANT SCREENING AGAR BASE | | | | | | | |
|--|--|--|---------------------------------|------------------|----------------------|----------------|--|
| Formula | | | | | | | |
| Ingredients : | | | gms/lit | t. | | | |
| Peptic digest of Animal Tissue | | | 11.80 | | | | |
| Sodium chloride | | | 55.00 | | | | |
| Yeast extract | | | 9.00 | | | | |
| Mannitol | | | 10.00 | | | | |
| Lithium chloride | | | 5.00 | | | | |
| Aniline blue | | | 0.20 | | | | |
| Agar | | 12.50 | | | | | |
| Final pH (at 25°C): 7.2 <u>+</u> 0.2 | | | | | | | |
| Directions : | | | | | | | |
| Suspend 51.75 gms in 500 ml. distilled water. Boil 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 | | | | | | | |
| rehydrated contents of 1 vial of Oxacillin resistant selective supplement (BF127). Mix well and | | | | | | | |
| dispense as desired. | | | | | | | |
| WARNING: Lithium chloride is harmful. Avoid bodily contact and inhalation of vapors. On contact | | | | | | | |
| with skin wash with plenty of water immediately. | | | | | | | |
| Principles : | | | | | | | |
| This is a very simple formulation containing only Oat Meal and Agar. However, Oat Meal has | | | | | | | |
| enough nutrients to enhance the growth of fungi. Agar acts as the solidifying agent. | | | | | | | |
| OC Tests – (I)Dehvdrated Medium | | | | | | | |
| Colour : | | | Yellow to gravish yellow | | | | |
| Appearance : | | | Homogeneous Free Flowing powder | | | | |
| (II)Rehvdrated medium | | | | | | | |
| pH (post autoclaving/heating): | | | 7.2 ± 0.2 | | | | |
| Colour (post autoclaving/heating) | | | Cream | | | | |
| Clarity (post autoclaving/heating) : | | | Slightly opalescent | | | | |
| (III)O.C. Test Microbiological | | | | | | | |
| Cultural characteristics observed with added Oxacillin Resistance Selective Supplement on | | | | | | | |
| lincubation at 35-37 ⁰ C for 18-24 hours | | | | | | | |
| MICROORGANISM (ATCC.) | | | GROWTH | | | | |
| Stanbylococcus aureus (20213) Inhibited | | | (as susceptible to oxacillin) | | | | |
| Staphylococcus aureus (38591) Fair to (| | Fair to Go | (as susceptible to oxacility) | | | | |
| Staphylococcus aureus (50591) | | read as resistance) | | | | | |
| Procesutions 1 For Laboratory (Ico | | | | | | | |
| Frecautions : | chad labor | atory proc | oduros in bandling and | disposing of | | | |
| | infectious materials | | | | | | |
| Limitationa | | Since the nutritional requirements of organisms vary some strains may be | | | | | |
| Limitations : 1. Since the nutritional requirements of organisms var | | | | | | allis Illay De | |
| | encountered that fail to grow or grow poorly on this medium. | | | | | | |
| USE : | For screening Uxacillin resistant organisms | | | | | | |
| Storage : | Denyarated medium- below 30°C Prepared medium- Between 2 to 8°C. | | | | | | |
| | SUU gm. Dottie | | | | | | |
| Product profile: | Reconstitution | Quantity | | pH (2522) | Supplement | Sterilization | |
| 54.546 | 100 5 " | Preparation | on (500g) | (25°C) | 0 | 12100/15 | |
| B1240 | 103.5 g/l | 4.830 L | | 7.2 <u>+</u> 0.2 | Oxacillin resistant | 121°C/15 | |
| | | | | | selective supplement | 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.

Page 01 of 01