

| | | |
|---|--|---------------------------------|
| BH709 | Sabouraud Dextrose Agar with Chloramphenicol | |
| Formula | | |
| Ingredients | gms/lit. | |
| Peptone (meat and casein) | 10.00 | |
| Dextrose monohydrate (Glucose monohydrate) | 40.00 | |
| Chloramphenicol | 0.05 | |
| Agar | 15.00 | |
| Final pH (at 25°C) : | 5.6 ± 0.2 | |
| Directions : | | |
| Suspend 61.41 grams (the equivalent weight of dehydrated medium per Litre) in 1000 ml purified / distilled water. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes or as per validated cycle. Cool to 45-50°C. Mix well and pour into sterile Petri plates. | | |
| Principle : | | |
| Sabouraud Dextrose Agar contains Peptone and tryptone which provide the carbon and nitrogen required for growth of a wide variety of organisms. Dextrose is included as an energy source. Agar is incorporated into the agar media as a solidifying agent. Sabouraud Chloramphenicol Agar contains chloramphenicol which inhibits a wide range of Gram positive and Gram-negative bacteria making the medium selective for fungi. | | |
| QC Tests – (I)Dehydrated Medium | | |
| | Colour : | Cream to yellow |
| | Appearance : | Homogeneous Free Flowing powder |
| (II)Rehydrated medium | | |
| | pH (post autoclaving/heating) : | 5.6 ± 0.2 |
| | Colour (post autoclaving/heating) : | Light amber |
| | Clarity (post autoclaving/heating) : | Clear to slightly opalescent |
| (III)Q.C. Test Microbiological | | |
| | Cultural characteristics observed after incubation at 20-25°C for 48-72 hours (Incubate for 7 days for Trichophyton species). | |
| | MICROORGANISM (ATCC) | GROWTH |
| | Aspergillus brasiliensis (16404) | Good-luxuriant |
| | Candida albicans (10231) | Good-luxuriant |
| | Trychophyton rubrum (28191) | Good-luxuriant |
| | Saccharomyces cerevisiae (9763) | Good-luxuriant |
| | Escherichia coli (25922) | Inhibited |
| | Escherichia coli (NCTC9002) | Inhibited |
| | Escherichia coli (8739) | Inhibited |
| | Lactobacillus casei (334) | Inhibited |
| Precautions : | 1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials. | |
| | 3. TOXIC. May caluse cancer. Possible risk of harm to the unborn child. Avoid contact with skin and eyes. Do not breathe dust. Wear suitable protective clothing. Keep container tightly closed. Target organ(s) : Blood, Nerves, Lymph Glands, Eyes. | |
| Limitations : | 1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium. 2. Antimicrobial agents incorporated into a medium to inhibit bacteria may also inhibit certain pathogenic fungi. 3. Avoid overheating a medium with an acidic pH because this often causes a soft medium. | |
| Use : | Recommended for selective cultivation of yeasts and moulds in accordance with EP/BP/IP | |
| Storage : | Dehydrated medium- below 30 ° C Prepared mediums– Between 2 to 8°C. | |
| Packing : | 500 gm. bottle | |

TECHNICAL SHEET

| Product profile: | Reconstitution | Quantity on Preparation (500g) | pH (25°C) | Supplement | Sterilization |
|-------------------------|----------------|--------------------------------|-----------|------------|---------------------------------|
| BH709 | 61.41 g/l | 8.141 L | 5.6 ± 0.2 | NIL | 121 ⁰ C / 15 minutes |

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.