

BIOMARK Laboratories-INDIA

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TECHNICAL SHEET

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------|------------|---------------------------|
| B882 | LURIA BROTH | | | | | |
| Formula | | | | | | |
| Ingredients : | | gms/lit. | | | | |
| Casein enzymichydrolysate | | 10.00 | | | | |
| Yeast extract | | 5.00 | | | | |
| Sodium chloride | | 5.00 | | | | |
| Final pH (at 25°C) : | | 7.0 ± 0.2 | | | | |
| Directions : | | | | | | |
| Suspend 20 gmsofin 1000ml. distilled water. Heat to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121° C) for 15 minutes. Dispense as desired. | | | | | | |
| Principle : | | | | | | |
| Peptides and peptones are provided by Casein enzymichydrolysate. Vitamins (including B vitamins) and certain trace elements are provided by Yeast Extract. Sodium ions for transport and osmotic balance are provided by Sodium Chloride. | | | | | | |
| 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) : | | Yellow to amber | | | | |
| Clarity (post autoclaving/heating) : | | Clear | | | | |
| (III) Q.C. Test Microbiological | | | | | | |
| Cultural characteristics observed after 18 - 24 hours at 35-37°C. | | | | | | |
| MICROORGANISM (ATCC) | | GROWTH | | | | |
| Escherichia coli (25922) | | Luxuriant | | | | |
| Escherichia coli (23724) | | 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 : | | B882: For the routine cultivation of not particularly fastidious organisms. | | | | |
| 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 |
| B882 | 20g/l | 25 lit | | 7.0 ± 0.2 | Nil | 121 ⁰ 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.

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