



13927

Casitose Soya Blood Agar Base (Casein Soya
Blood Agar Base)

Part D

Specifications

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| Solubility | 40.00 gm/liter. |
| Solubility before autoclaving (Clarity) | Very slightly opalescent. |
| Gel strength | Firm, comparable with 1.4% agar gel. |
| pH (25°C) | 7.3 ± 0.2 |
| Prepared Medium Appearance after autoclaving (Clarity) | Very slightly opalescent. |
| Prepared Medium Appearance after autoclaving (Colour) | Light to medium amber. |
| Cultural Response | Inoculate and Incubate at 35° - 37°C for 18-24 hours. |
| Organism | Streptococcus pyogens ATCC 19615 |
| Inoculum (cfu) 10-100 | Growth : Good Recovery w/addition of blood : >=70.0% Haemolysis : Beta |
| Organism | Staphylococcus aureus ATCC 25923 |
| Inoculum (cfu) 10-100 | Growth : Good Recovery w/addition of blood : >=70.0% Haemolysis : Beta |
| Organism | Escherichia coli ATCC 25922 |
| Inoculum (cfu) 10-100 | Growth : Good Recovery w/addition of blood : >=70.0% Haemolysis : no haemolysis |
| Organism | Streptococcus pneumoniae ATCC 6305 |
| Inoculum (cfu) 10-100 | Growth : Good Recovery w/addition of blood : >=70.0% Haemolysis : Alpha haemolysis. |

Other Information

Applications

Recommended for the cultivation of fastidious microorganisms and detection of their hemolytic activity.

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| Composition | |
| Ingredients | gms/lt. |
| Enzymatic digest of casein | 14.50 |
| Sodium chloride | 5.00 |
| Soyapeptone | 5.00 |
| Growth factor | 1.50 |
| Agar | 14.00 |

Directions

- 1. Add 40.00 gm powder to distilled/purified water.
- 2. Bring volume to 1.0 litre and mix thoroughly.
- 3. Gently heat and bring to boiling.
- 4. Autoclave at 15 psi pressure at 121°C for 15 minutes.
- 5. Cool to 45- 50°C.
- 6. Aspetically add 50ml sterile defibrinated blood and mix well.

General Information

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|---------------------|---------------------------------------|
| Storage | 8 to 25°C (Cool & Dry Area) |
| IMDG Identification | Not Regulated for Transport (Non-Haz) |
| HSN Code | |
| 100 Gms | 38210000 (GST 18%) |
| 500 Gms | 38210000 (GST 18%) |

Available Packages

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|---------|
| 100 Gms |
| 500 Gms |

Disclaimer

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