



55769

CLED Agar

Part D

Specifications

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|--|---|
| Appearance (Colour) | Biege with slight green tint |
| Appearance (Form) | Free flowing, homogeneous powder |
| Solubility | 36.14 gm/liter |
| Solubility before autoclaving (Clarity) | Very slightly opalescent |
| Gel strength | Firm, comparable with 1.5% agar gel |
| pH (25°C) | 7.3 ± 0.2 |
| Prepared Medium Appearance after autoclaving (Clarity) | Very slightly opalescent |
| Prepared Medium Appearance after autoclaving (Colour) | Green |
| Cultural Response | Inoculate and incubate at 37°C for 18 - 24 hours |
| Organism | Escherichia coli ATCC 25922 |
| Inoculum (cfu) 10-100 | Growth : Good, Recovery Rate : >=70%, Colony colour : Yellow |
| Organism | Salmonella typhi ATCC 6539 |
| Inoculum (cfu) 10-100 | Growth : Good, Recovery Rate : >=70%, Colony colour : Blue |
| Organism | Klebsiella pneumoniae ATCC 13883 |
| Inoculum (cfu) 10-100 | Growth : Good, Recovery Rate : >=70%, Colony colour : Yellow to whitish blue |
| Organism | Proteus vulgaris ATCC 13315 |
| Inoculum (cfu) 10-100 | Growth: Good, swarming inhibited, Recovery Rate:>=70%, Colony colour : Blue to bluish green |
| Organism | Staphylococcus aureus ATCC 25923 |
| Inoculum (cfu) 10-100 | Growth : Good, Recovery Rate : >=70%, Colony colour : Yellow |
| Organism | Enterococcus faecalis ATCC 29212 |
| Inoculum (cfu) 10-100 | Growth : Good, Recovery Rate : >=70%, Colony colour : Slight yellowish to greenish |

Other Information

Applications

For the isolation, enumeration and presumptive identification of microorganisms from urine.

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| Composition | |
| Ingredients | gm/lit. |
| Peptone | 4.00 |
| Agar | 15.00 |

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|---------------------------|-------|
| Lactose | 10.00 |
| Tryptone | 4.00 |
| Beef extract (ex.buffalo) | 3.00 |
| L-Cystine | 0.128 |
| Bromothymol Blue | 0.02 |

Directions

1. Add 36.14 gm powder to 1.0 liter of distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Autoclave at 15 psi pressure at 121°C for 15 minutes.

General Information

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|---------------------|---------------------------------------|
| Storage | 8 to 25°C (Cool & Dry Area) |
| Shelf Life | 36 Months |
| 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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608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com