



56055

Water Agar

Part D

Specifications

| | |
|--|--|
| Appearance (Colour) | White to Off-white powder |
| Appearance (Form) | Free flowing, homogeneous powder |
| Solubility | 20.00 gm/liter |
| Solubility before autoclaving (Clarity) | Very slightly opalescent |
| Gel strength | Firm, comparable with 2.0 % agar gel |
| pH (25°C) | 7.2 ± 0.2 |
| Prepared Medium Appearance after autoclaving (Clarity) | Very slightly opalescent |
| Prepared Medium Appearance after autoclaving (Colour) | White to Off-white |
| Cultural Response | Inoculate and incubate at 35 - 37° C for bacteria and at 25°C for fungi for 48 -72 hours |
| Organism | Escherichia coli ATCC 25922 |
| Inoculum (cfu) 10-100 | Growth : Fair |
| Organism | Pseudomonas aeruginosa ATCC 27853 |
| Inoculum (cfu) 10-100 | Growth : Fair |
| Organism | Saccharomyces cerevisiae ATCC 9763 |
| Inoculum (cfu) 10-100 | Growth : Fair - Good |
| Organism | Candida albicans ATCC 10231 |
| Inoculum (cfu) 10-100 | Growth : Fair - Good |

Other Information

Applications

Used for cultivation and observation of sporulation of some fungi and also for the enumeration of fungi according to MPN method.

Composition

| | |
|-------------|--------|
| Ingredients | gm/lt. |
| Agar | 20.00 |

Directions

1. Add 20.00 gm powder to 1.0 liter distilled/purified water.
2. Gently heat and bring to boiling.
3. Autoclave at 121°C at 15 psi pressure for 15 minutes.

General Information

| | |
|---------------------|---------------------------------------|
| 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%) |
| Type of Packing | |
| 100 Gms | Plastic Bottle |
| 500 Gms | Plastic Bottle |

Available Packages

- 100 Gms
- 500 Gms

Disclaimer

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