

## Yeast Extract Agar

TN 1290 500 g



### Intended use

Used to determine the colony count of microorganisms cultivable at 22 °C and 35 °C from water and waste water (DIN EN ISO 6222:1999).

### Form

Powder

### Colour

Beige

### Storage

Dry, tightly closed, at 10...25 °C.

### Shelf life

5 years

### Typical composition

| Component      | g/l |
|----------------|-----|
| Casein peptone | 6   |
| Yeast extract  | 3   |
| Agar           | 10  |

### Directions

Dissolve 19 g in 1 litre distilled water and autoclave at 121 °C for 15 minutes.

### Final pH at 25 °C

7.2 ± 0.2

### Microbiological quality control

| Test strain                   | ATCC no. | Growth | Incubation        |
|-------------------------------|----------|--------|-------------------|
| <i>Staphylococcus aureus</i>  | 25923    | good   | 18-24 h; 36±1 °C  |
| <i>Escherichia coli</i>       | 25922    | good   | 18-24 h; 36±1 °C  |
| <i>Pseudomonas aeruginosa</i> | 27853    | good   | 18-24 h; 36±1 °C  |
| <i>Bacillus subtilis</i>      | 6633     | good   | 18-24 h; 36±1 °C  |
| <i>Candida albicans</i>       | 10231    | good   | 48-72 h; 20-25 °C |
| <i>Aspergillus niger</i>      | 16404    | good   | 48-72 h; 20-25 °C |

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