

BAIRD-PARKER BROTH BASE

A selective and differential medium for the isolation and enumeration of *Staphylococcus aureus*.

| Dehydrated media | |
|--------------------------------|---------------------------------|
| Code number: | 500 g: BBR20500, 5 kg: BBR25000 |
| Colour: | Yellowish |
| Appearance: | Homogeneous hygroscopic powder |
| pH before autoclaving (25 °C): | 6,8 – 7,2 |

Direction: Suspend **43 g** in 950 ml of distilled water and heat gently to dissolve the medium completely. Sterilise by autoclaving at 121 °C for 15 minutes. Cool to 50 °C and add aseptically **50 ml of Sterile Egg Yolk Tellurite Emulsion (EYT80050)**. Mix well and dispense aseptically into sterile final containers.

| Prepared media | |
|--------------------------------|------------------------------------|
| Bottled media bases: | 100 ml: BBR30100, 500 ml: BBR30500 |
| Tubed media: | 150 x 15 mm: BBR40010 (10 ml) |
| Colour of bottled media bases: | Yellowish, transparent |
| Colour of tubed media: | Yellowish, homogeneous turbid |
| pH (25 °C): | 6,9 – 7,1 |

Direction: Supplement the bottled media bases according to the direction of the dehydrated media and dispense aseptically into sterile final containers. Media in tubes are ready to use.

FORMULA in g/l

| | |
|------------------|----|
| Peptones | 16 |
| L-Glycine | 12 |
| Sodium pyruvate | 10 |
| Lithium chloride | 5 |

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Store the tubed media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

| Test strains | Incubation temp: 37 °C | Growth | Incubation time: 48 h |
|------------------------------|------------------------|------------------------------|-----------------------|
| <i>Staphylococcus aureus</i> | ATCC 29213 | Good, colour change to black | |
| <i>Escherichia coli</i> | ATCC 25922 | Inhibited | |

References: Baird-Parker (1962) J. Appl. Bact. 25: 12.

In vitro diagnostic – for professional use only!