

## Baird-Parker Agar (Base)

TN 1104 500 g



### Intended use

Used for the isolation and differentiation of *Staphylococcus aureus* from foodstuffs (according to § 64 German Food and Feed Code) and from pharmaceutical materials.

### Form

Powder

### Colour

Bright beige

### Storage

Dry, tightly closed, at 10...25 °C.

### Shelf life

3 years

### Typical composition

Component	g/l
Pancreatic digest of casein	10
Meat extract	5
Yeast extract	1
Lithium chloride	5
Agar	20
Glycine	12
Sodium pyruvate	10

### Directions

Suspend 63 g in 950 ml distilled water and heat until completely dissolved. Autoclave at 121 °C for 15 minutes and cool down to 45-50 °C. Under aseptic conditions, add 2 bottles (= 50 ml) Egg Yolk Tellurite Emulsion (TN 1310) to 950 ml base medium. Mix well and pour plates.

### Final pH at 25 °C

6.8 ± 0.2

### Microbiological quality control

Incubate Baird-Parker Agar (Base) aerobically for 44-48 hours at 36 ± 1 °C.

Test strain	ATCC-No.	CFU/ plate	Recovery rate in %	Colony colour	Colony surroundings
<i>Staphylococcus aureus</i>	6538	10-100	>50 %	black, shiny	narrow white strip surrounds the colony, large clear corona, remaining culture medium opaque
<i>Staphylococcus aureus</i>	25923	10-100	>50 %	black, shiny	narrow white strip surrounds the colony, large clear corona, remaining culture medium opaque
<i>Staphylococcus epidermidis</i>	14990	10-100	>50 %	grey-black, shiny	no narrow white strip around the colony, no clear corona, culture medium opaque
<i>Escherichia coli</i>	8739	10-100	<0.1 %	n.a.	n.a.
<i>Salmonella Typhimurium</i>	14028	10-100	<0.1 %	n.a.	n.a.
<i>Bacillus subtilis</i>	6633	10-100	<0.1 %	n.a.	n.a.
<i>Pseudomonas aeruginosa</i>	9027	10-100	<0.1 %	n.a.	n.a.

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