

# Brilliant Green Phenol Red Agar (BPLS-Agar acc. to Kauffmann modified)

TN 1111 500 g



## Intended use

Used for the isolation and identification of salmonellae (with the exception of *S. Typhi*) from meat and other foodstuffs (according to § 64 German Food and Feed Code).

## Form

Powder

## Colour

Red

## Storage

Dry, tightly closed, at 10...25 °C.

## Shelf life

5 years

## Typical composition

Component	g/l
Peptones (meat and casein)	10
Yeast extract	3
Sodium chloride	5
Lactose monohydrate	10
Sucrose	10
Phenol red	80 mg
Brilliant green	12.5 mg
Agar	12

## Directions

Suspend 50 g in 1 litre distilled water, boil until completely dissolved and pour plates.

## Directions acc. to EP 5.1

Suspend 50 g in 1 litre distilled water and boil for 1 minute. Autoclave at 121 °C for 15 minutes.

## Final pH at 25°C

6.9 ± 0.2

## Microbiological quality control

Incubate Brilliant Green Phenol Red Agar (BPLS-Agar acc. to Kauffman Modified) aerobically for 18-24 hours at 36 ± 1 °C.

Test strain	CFU/ plate	Recovery rate	Appearance of colonies
<i>Salmonella</i> Typhimurium ATCC 14028	10-100	≥ 50 %	colonies are small, colourless and translucent, surrounded by a reddish-pink or red zone
<i>Salmonella</i> Abony NCTC 6017	10-100	≥ 50 %	colonies are small, colourless and translucent, surrounded by a reddish-pink or red zone
<i>Pseudomonas aeruginosa</i> ATCC 9027	10-100	≥ 50 %	colonies are small, colourless and translucent, surrounded by a reddish-pink or red zone
<i>Escherichia coli</i> ATCC 8739	10-100	≤ 25 % (preparation acc. to EP 5.6 ≥ 25 %)	colonies are green yellowish-green with irregular edge, in most cases surrounded by a yellowish-green zone
<i>Enterococcus faecalis</i> ATCC 29212	10-100	≤ 0,1 %	no change in colour of the base medium
<i>Staphylococcus aureus</i> ATCC 6538	10-100	≤ 0,1 %	no change in colour of the base medium

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