

# Brilliant Green Phenol Red Agar acc. to Edel and Kampelmacher (BPLS Agar, Mod.)

TN 1110 500 g



## Intended use

Selective culture medium for use in the isolation of *salmonella* from foodstuffs (according to § 64 German Food and Feed Code).

## Form

Powder

## Colour

Red

## Storage

Dry, tightly closed, at 10...25 °C.

## Shelf life

4 years

## Typical composition

Component	g/l
Peptone	10
Meat extract	5
Yeast extract	3
Lactose	10
Sucrose	10
Disodium hydrogen phosphate	1
Sodium dihydrogen phosphate	0.6
Brilliant green	0.005
Phenol red	0.09
Agar	10

## Directions

Suspend 49.7 g in 1 litre distilled water. Heat carefully, stirring frequently, until completely dissolved. Do not autoclave! Mix well and pour plates.

## Final pH at 25 °C

7.0 ± 0.2

## Microbiological quality control

Incubate Brilliant Green Phenol Red Agar acc. to Edel and Kampelmacher (BPLS Agar, Mod.) aerobically for 18-24 hours at 36 ± 1 °C.

Test strain	No.	Growth
<i>Salmonella</i> Typhimurium	clinical isolate	+
<i>Salmonella</i> Choleraesuis	clinical isolate	+
<i>Salmonella</i> Enteritidis	clinical isolate	+
<i>Proteus vulgaris</i>	clinical isolate	inhibited
<i>Proteus mirabilis</i>	clinical isolate	inhibited
<i>Aerobacter aerogenes</i>	clinical isolate	inhibited
<i>Bacillus subtilis</i>	ATCC 6633	-
<i>Enterococcus faecalis</i>	clinical isolate	-
<i>Escherichia coli</i> O 111	clinical isolate	-
<i>Staphylococcus aureus</i>	ATCC 25923	-

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