

BRILLIANT GREEN (BPLS) AGAR, PH EUR

A selective and differential medium for the isolation of *Salmonella* spp. (other than *S. typhi*) according to PH EUR (Agar Medium L – Brilliant Green Phenol Red Lactose Sucrose Agar).

Dehydrated media	
Code number:	500 g: BPE20500, 5 kg: BPE25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before sterilization (25 °C):	6,7 – 7,1

Direction: Suspend **58 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Cool quickly and pour into Petri-dishes immediately!

Warning!

The medium is heat sensitive.
No further sterilisation is necessary or desirable.

Prepared media	
Bottled media:	100 ml: BPE30100, 500 ml: BPE30500
Plated media:	55 mm: BPE50055, 90 mm: BPE50090
Colour:	Brownish
pH (25 °C):	6,8 – 7,0

Direction: Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Peptones	10,0000
Yeast extract	3,0000
Lactose monohydrate	10,0000
Sucrose	10,0000
Sodium chloride	5,0000
Phenol red	0,0800
Brilliant green	0,0125
Agar	20,0000

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 plated 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: 24 h
<i>Salmonella typhimurium</i> ATCC 14028		Good, red colonies	
<i>Escherichia coli</i> ATCC 25922		Partially inhibited, greenish yellow colonies	
<i>Proteus mirabilis</i> ATCC 29906		Partially inhibited, red colonies without swarming	
<i>Enterococcus faecalis</i> ATCC 29212		Inhibited	

References: European Pharmacopoeia

In vitro diagnostic – for professional use only!