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
Salmonella typhimurium	ATCC 14028	Good, red colonies	
Escherichia coli	ATCC 25922	Partially inhibited, greenish yellow colonies	
Proteus mirabilis	ATCC 29906	Partially inhibited, red colonies without swarming	
Enterococcus faecalis	ATCC 29212	Inhibited	

References: European Pharmacopoeia

In vitro diagnostic – for professional use only!