

# CASEIN PEPTONE LECITHIN POLYSORBATE BROTH BASE, USP

An inactivating solution for diluting samples when determining microbial count.

<b>Dehydrated media</b>	
Code number:	500 g: CLP20500, 5 kg: CLP25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,9 – 7,3

**Direction:** Suspend **25 g** in 960 ml of distilled water. Add **40 ml of TWEEN 80 Supplement (TWS80500)**. Mix well and keep the suspension at about 50 °C until the lecithin dissolves completely (20 – 30 min). The ready broth is yellowish and slightly turbid, but exempt from any precipitate. Dispense into final containers and sterilise by autoclaving at 121 °C for 15 minutes.

<b>Prepared media</b>	
Bottled media:	100 ml: CLP30100, 500 ml: CLP30500
Tubed media:	150 x 15 mm: CLP40010 (10 ml)
Colour:	Yellowish, homogeneous turbid
pH (25 °C):	7,0 – 7,2

**Direction:** Dispense the bottled media aseptically into sterile final containers. Media in tubes are ready to use.

## FORMULA in g/l

Casein peptone	20
Lecithin	5

**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 and tubed media protected from light at room temperature. Use before the expiry date on the label.

### Quality control:

<b>Test strains</b>	Incubation temp: 37 °C	<b>Growth</b>	Incubation time: 24 h
<i>Escherichia coli</i> ATCC 25922		Good	
<i>Staphylococcus aureus</i> ATCC 29213		Good	

**References:** United States Pharmacopoeia

**In vitro diagnostic – for professional use only!**