

## BEERENS COSMETIC DILUENT BASE

A non selective medium which neutralizes quaternary ammonium compounds for routine examination of cosmetic product.

<b>Dehydrated media</b>	
Code number:	500 g: BCD20500, 5 kg: BCD25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 – 7,2

**Direction:** Suspend **20 g** in one litre of distilled water. Add **30 ml of TWEEN 80 Supplement (TWS80100)**. Mix well and keep the suspension at about 50 °C until the lecithin dissolved completely (20 – 30 min). The dissolution is completed, when the medium 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: BCD30100, 500 ml: BCD30500
Tubed media:	150 x 15 mm: BCD40010 (10 ml)
Colour:	Yellowish, homogeneous turbid
pH (25 °C):	6,9 – 7,1

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

### FORMULA in g/l

Peptones	1,0
L-Histidine	1,0
Sodium chloride	8,5
Sodium thiosulphate	5,0
Lecithin	3,0
Potassium phosphate, dibasic	1,5

**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>Salmonella typhimurium</i>	ATCC 14028	Good	
<i>Bacillus subtilis</i>	ATCC 6633	Good	
<i>Enterococcus faecalis</i>	ATCC 29212	Good	
<i>Staphylococcus aureus</i>	ATCC 29213	Good	

**References:** Beerens et al (1976) Rev. Inst. Pasteur 9:127.

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