

## WILKINS-CHALGREN BROTH

A non-selective enrichment medium for the general cultivation of anaerobe micro-organisms especially recommended for antimicrobial susceptibility testing.

<b>Dehydrated media</b>	
Code number:	500 g: WCB20500, 5 kg: WCB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,9 - 7,3

**Direction:** Suspend **33 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into final containers and sterilise by autoclaving at 121 °C for 15 minutes.

<b>Prepared media</b>	
Bottled media:	100 ml: WCB30100, 500 ml: WCB30500
Tubed media:	150 x 15 mm: WCB40010 (10 ml)
Colour:	Yellowish
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

Nutrient substrate (peptones, extracts)	25,000
L-Arginine	1,000
Glucose	1,000
Sodium chloride	5,000
Sodium pyruvate	1,000
Vitamins	0,011

**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: 48 h
<i>Bacteroides fragilis</i> ATCC 23745		Good (under anaerobic conditions)	
<i>Clostridium pefringens</i> ATCC 13124		Good (under anaerobic conditions)	

**References:** Wilkins and Chalgren (1976) Antimicrob. Agents Chemother. 10: 926.

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