

## MALACHITE GREEN BROTH BASE

A selective medium for the cultivation of *Pseudomonas aeruginosa*.

<b>Dehydrated media</b>	
Code number:	500 g: MIB20500, 5 kg: MIB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,4 – 7,8

**Direction:** Suspend **4,2 g** in 500 ml of distilled water and heat gently to dissolve the medium completely. Sterilise by autoclaving at 121 °C for 15 minutes. Cool to 50 °C and add aseptically **10 drops (0,5 ml) of Malachite Green Solution, Sterile (MSO80030)**. Mix well and dispense aseptically into sterile final containers.

<b>Prepared media</b>	
Bottled media bases:	100 ml: MIB30100, 500 ml: MIB30500
Tubed media:	150 x 15 mm: MIB40010 (10 ml)
Colour:	Green
pH (25 °C):	7,5 – 7,7

**Direction:** Supplement the bottled media bases according to the direction of the dehydrated media and dispense aseptically into sterile final containers. Media in tubes are ready to use.

### FORMULA in g/l

Peptones	8,0
Buffers	0,4

**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:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 24 h
<i>Pseudomonas aeruginosa</i> ATCC 27853		Good	
<i>Escherichia coli</i> ATCC 25922		Inhibited	

**References:** Habs and Kirschner (1943) Z. Hyg. 124: 557.

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