

PharmaBio® THIOGLYCOLLATE MEDIUM

A non-selective medium for sterility testing according to PH EUR (Fluid Thioglycollate Medium for Sterility Testing). The medium is primarily intended for the culture of anaerobe bacteria, however, it will also detect aerobe bacteria.

Dehydrated media	
Code number:	500 g: PTHM20500, 5 kg: PTHM25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,9 – 7,3

Direction: Suspend **30 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Dispense into final containers and sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: PTHM30100, 500 ml: PTHM30500
Tubed media:	150 x 15 mm: PTHM40010 (10 ml)
Colour:	Yellowish, with claret colour ring on the top
pH (25 °C):	7,0 – 7,2

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

WARNING!

The media may be used until approximately 30% of the medium (top layer) has been oxidized, as indicated by a claret colour of the resazurin near the surface. If oxidation has proceeded further, the media may be reheated once in steam or boiling water, cooled and used.

FORMULA in g/l

Casein peptone	15,250
Yeast extract	5,000
L-Cysteine	0,500
Glucose monohydrate	5,500
Sodium chloride	2,500
Sodium thioglycollate	0,500
Resazurin	0,001
Agar	0,750

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: See the next page

References: European Pharmacopoeia

In vitro diagnostic – for professional use only!

Certificate of analysis

PharmaBio® THIOGLYCOLLATE MEDIUM			
Code number:	PTHM		
Lot:			
Manufacture date:			
Expiry date:			
Description			
Type of culture medium:			
Packaging:			
Formula g/l:			
Casein peptone.....	15,25 g	Sodium chloride.....	2,5 g
Yeast extract.....	5 g	Sodium thioglycollate.....	0,5 g
L-Cysteine.....	0,5 g	Rezazurin	0,001 g
Glucose x 1 H ₂ O	5,5 g	Agar	0,75 g
Distilled water	ad 1000 ml		
Sterilization: 121 °C - 15 minutes			
Supplement: -			
External control			
Dehydrated culture medium	Requirement	Result	
Packaging:	Intact		
Appearance:	Fine powder		
Colour:	Yellowish		
Ready to use culture medium	Requirement	Result	
Colour:	Yellowish, with claret colour ring on the top		
Purity:	A bit turbid		
Precipitation:	Free from any precipitation		
CHEMICAL CONTROL			
pH at 25 °C:	Requirement: 7,1 ± 0,2		
MICROBIOLOGICAL CONTROL			
Cultivation ability test:			
Reference medium Lot:	Incubation temperature: 30 - 35 °C Incubation time: 24 ± 4 h		
Test strains	CFU on reference	Criteria	Result
<i>Pseudomonas aeruginosa</i> ATCC 27853		growth	
<i>Staphylococcus aureus</i> ATCC 29213		growth	
<i>Clostridium sporogenes</i> ATCC 19404		growth	
Contamination control:			
Incubation temperature: 30 - 35 °C + 20 - 25 °C	Incubation time: 2 + 3 day		
Result:	No growth		

This product has been tested by Quality Control Laboratory and conforms to the specifications above.

This certificate was issued electronically and is valid without signature.