

Thioglycolate Medium without Indicator

TN 1023 500 g



Intended use

Used for the detection of a variety of microorganisms, in particular anaerobes, from clinical material.

Form

Powder

Colour

Bright beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

5 years

Typical composition

Component	g/l
Casein peptone	17
Soya peptone	3
Glucose	6
Sodium chloride	2.5
Sodium thioglycolate	0.5
Agar	0.7
L-Cystine	0.25
Sodium sulfite	0.1

Directions

Suspend 30.1 g in 1 litre distilled water and heat until completely dissolved. Mix well and distribute into containers for final use. Autoclave for 15 minutes at 121 °C and allow to cool down slowly to 25 °C in upright position.

Final pH at 25 °C

7.0 ± 0.2

Microbiological quality control

Test strain	ATCC no.	CFU/ 10 ml	Growth	Incubation
<i>Staphylococcus aureus</i>	6538	10-100	good	aerobically, max. 3 d, 37 °C
<i>Streptococcus pneumoniae</i>	6305	10-100	good	aerobically, max. 3 d, 37 °C
<i>Streptococcus pyogenes</i>	12344	10-100	good	aerobically, max. 3 d, 37 °C
<i>Pseudomonas aeruginosa</i>	9027	10-100	good	aerobically, max. 3 d, 37 °C
<i>Clostridium sporogenes</i>	19404	10-100	good	anaerobically, max. 3 d, 37 °C
<i>Clostridium perfringens</i>	13124	10-100	good	anaerobically, max. 3 d, 37 °C
<i>Bacteroides fragilis</i>	25285	10-100	good	anaerobically, max. 3 d, 37 °C

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