

OXOID PRODUCT SPECIFICATION

**THIOGLYCOLLATE MEDIUM (ACCORDING TO EP/USP)
(CORREX BOX)**

BO0510M

Typical Formula

	grams per litre
Yeast extract	5.0
Tryptone	15.0
Glucose	5.5
Sodium thioglycollate	0.5
Sodium chloride	2.5
L-cystine	0.5
Resazurin	0.001
Agar	0.75

Preparation

Suspend Thioglycollate medium (29.75 grams / litre) in de-ionised water. Heat to dissolve. Cool and dispense 100ml into final containers, 100ml DIN bottles. Sterilise at 121°C for 15 minutes. When cooled label each bottle and pack in units of 10 into labelled boxes.

Format

Ten DIN bottles with wide septum, injectable closures in a correx box.

Labels

Label gives details of product name, product code, recommended storage temperature, lot number and expiry date.

Physical Characteristics

Physical Tests

pH	7.1 ± 0.2
Colour	Straw / yellow with or without red layer
Clarity	Clear
Fill weight	100.0g + 1.5g

Packaging and presentation:

General appearance of bottle and label should be satisfactory. Label data should be correct.

Sterility Test

Macroscopic examination should show no evidence of microbial growth after incubation at 20-24°C and 30-34°C for 14 days.

Microbiological Tests Using Optimum Inoculum Dilution

Positive controls

Inoculum 10-100 colony forming units

Results after incubation at 30-34°C for 2 days

<i>Staphylococcus aureus</i>	ATCC® 6538	Turbid growth and / or single colonies
<i>Pseudomonas aeruginosa</i>	ATCC® 9027	Turbid growth and / or single colonies
<i>Bacillus subtilis</i>	ATCC® 6633	Turbid growth and / or single colonies
<i>Clostridium sporogenes</i>	ATCC® 19404	Turbid growth and / or single colonies
<i>Clostridium sporogenes</i>	ATCC® 11437	Turbid growth and / or single colonies

Results after incubation at 21-25°C for 5 days

<i>Aspergillus niger</i>	ATCC® 16404	White mycelia, with or without black spores.
<i>Candida albicans</i>	ATCC® 10231	Flocculent growth

Storage conditions

Store away from light between 2-25°C

The Microbiological Quality Control of this product complies with the following Pharmacopoeiae;

1. European Pharmacopoeia: Current version.
2. United States Pharmacopoeia: Current version.
3. Japanese Pharmacopoeia: Current version.
4. British Pharmacopoeia: Current version