

## QUALITY CONTROL CERTIFICATE

**PRODUCT:** THIOGLYCOLLATE FLUID MEDIUM European Pharmacopeia, USP

**CAT Nº:** 1508

**BATCH:** 706262

**RE-TEST DATE:** 2021/06

**QC Date:** 2017/06/26

**pH:** 7.05



We hereby certify that the above mentioned culture medium has been approved by the Quality Control Laboratory.

### FORMULA IN g/l:

Pancreatic Digest of Casein.....	15.0	L- Cystine:.....	0.5
Glucose Monohydrate.....	5.0	Sodium Thioglycollate:.....	0.5
Yeast Extract:.....	5.0	Resazurin.....	0.001
Sodium Chloride:.....	2.5	Bacteriological Agar:.....	0.75

The pH after preparing the medium and at room temperature:  $7.1 \pm 0.2$

### PHYSICAL AND CHEMICAL TEST

Appearance: ..... fine powder

Solubility: ..... w/o rests

Color:..... light beige

Color of the prepared medium: clear amber with a pink upper layer.

### MICROBIOLOGICAL TEST

The following results were obtained from type cultures in the performance of the medium after incubation at a temperature of  $35 \pm 2^\circ\text{C}$  and observed after 24 hours.

Microorganisms	Growth	Inoculum cfu/ml	Recovery Rate %
<i>Bacillus subtilis</i> ATCC 6633	Good	$10 \cdot 10^{-2}$	$\geq 50$
** <i>Candida albicans</i> ATCC 10231	Good	$\leq 100$	$\geq 50$
<i>Neisseria meningitidis</i> ATCC 13092	Good	$10 \cdot 10^{-2}$	$\geq 50$
* <i>Staphylococcus aureus</i> ATCC 6538	Good	$\leq 100$	$\geq 70$
* <i>Clostridium sporogenes</i> ATCC 11437	Good	$\leq 100$	$\geq 50$
* <i>Pseudomonas aeruginosa</i> ATCC 9027	Good	$\leq 100$	$\geq 50$
<i>Bacteroides fragilis</i> ATCC 25285	Good	$10 \cdot 10^{-2}$	$\geq 50$
<i>Staphylococcus aureus</i> ATCC 25923	Good	$10 \cdot 10^{-2}$	$\geq 70$
<i>Streptococcus pyogenes</i> ATCC 19615	Good	$10 \cdot 10^{-2}$	$\geq 50$
** <i>Aspergillus brasiliensis</i> ATCC 16404	Good	$\leq 100$	$\geq 50$

\*According to European Pharmacopeia, USP Inoculum no more than 100 CFU. Incubate at  $30\text{-}35^\circ\text{C}$  not more than 3 days

\*\* According European Pharmacopeia, USP Inoculum no more than 100 CFU. Incubate at  $30\text{-}35^\circ\text{C}$ .not more 5days

**Laboratory result: Satisfactory**

Carmen Ramirez, QC Manager

