

QUALITY CONTROL CERTIFICATE

PRODUCT: THIOGLYCOLLATE USP MEDIUM EUROPEAN PHARMACOPOEIA USP ISO 7937

CAT Nº: 1533

BATCH: 906242

RE-TEST DATE: 2023/06

QC Date: 2019/06

pH: 6.96

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

FORMULA IN g/l:

Enzymatic Digest of Casein:	15.0	Sodium Thioglycollate:	0.5
Dextrose Anhydrous:	5.0	L-Cystine:	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± 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 in the performance of the medium from type cultures after incubation at a temperature of 35 ± 2°C and observed after 18-24 hours.

Microorganisms	Growth
<i>Bacillus subtilis</i> ATCC 6633	Good
<i>Candida albicans</i> ATCC 10231	Good
<i>Clostridium sporogenes</i> ATCC 11437	Good
* <i>Clostridium perfringens</i> ATCC 13124	Good
<i>Streptococcus pyogenes</i> ATCC 19615	Good
<i>Bacillus fragilis</i> ATCC 25285	Good
<i>Escherichia coli</i> ATCC 25922	Good

* According to ISO 7937, incubate under anaerobic conditions at 37°C for 18-24 hours.

According to ISO 11133 (21±3)h/37±1°C

Microorganisms	Inoculum (cfu/ml)	Productivity Qualitative
<i>Clostridium perfringens</i> ATCC 13124	10 ³ -10 ⁴	turbidity (2)

Laboratory result: *Satisfactory*

Carmen Ramirez, QC Manager

