

## QUALITY CONTROL CERTIFICATE

**PRODUCT:** SLANETZ BARTLEY MEDIUM (ISO 7899-2)

**CAT Nº:** 1109

**BATCH:** 904092

**RE-TEST DATE:** 2023/04

**QC Date:** 2019/04

**pH:** 7.24

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

### FORMULA IN g/l:

Tryptose: .....	20.0	Sodium Azide: .....	0.4
Yeast Extract: .....	5.0	Triphenyltetrazolium Chloride (TTC): .....	0.1
Dipotassium Hydrogen Phosphate: .....	4.0	Bacteriological Agar: .....	10.0
Glucose: .....	2.0		

The pH after preparing the medium and at room temperature: 7.2 ± 0.1

### PHYSICAL AND CHEMICAL TEST

Appearance: .....fine powder

Solubility: ..... w/o rests

Color: ..... beige

Color of the prepared medium: clear amber, slightly opalescent with a pink tint.

### MICROBIOLOGICAL TEST

The following results were obtained in the performance of the medium from type cultures after incubation at a temperature of 36 ± 2°C and observed after 44 ± 4 hours.

Microorganisms	Growth	Red Colonies	Inoculum cfu/ml	Recovery %
<i>Enterococcus faecalis</i> ATCC 11700	Good	+	10 <sup>2</sup> -10 <sup>3</sup>	≥70%
<i>Enterococcus faecalis</i> ATCC 19433	Good	+	10 <sup>2</sup> -10 <sup>3</sup>	≥70%
<i>Staphylococcus aureus</i> ATCC 25923	Null	-	> 10 <sup>5</sup>	≤ 0.01
<i>Escherichia coli</i> ATCC 25922	Null	-	> 10 <sup>5</sup>	≤ 0.01

**According to ISO 11333** 44 ± 4h/36 ± 2°C (Productivity, Selectivity)

Microorganisms	Inoculum (cfu/ml)	Productivity Quantitative	Selectivity Qualitative	Characteristic Reaction
<i>Enterococcus faecalis</i> ATCC 19433	10 <sup>2</sup>	63%		Red-Brown pink colonies
<i>Enterococcus faecalis</i> ATCC 29212	10 <sup>2</sup>	98%		Red-Brown pink colonies
<i>Enterococcus faecium</i> ATCC 6057	10 <sup>2</sup>	90%		Red-Brown pink colonies
<i>Escherichia coli</i> ATCC 25922	10 <sup>4</sup> -10 <sup>6</sup>		Total Inhibition	
<i>Staphylococcus aureus</i> ATCC 25923	10 <sup>4</sup> -10 <sup>6</sup>		Total Inhibition	-

Reference Media Productivity: TSA

**Laboratory result: Satisfactory**

Carmen Ramirez, QC Manager

