

QUALITY CONTROL CERTIFICATE

PRODUCT: MACCONKEY AGAR EUROPEAN PHARMACOPOEIA, USP ISO 21567

CAT Nº: 1052

BATCH: 706091

RE-TEST DATE: 2021/06

QC Date: 2017/06/09

pH: 7.10



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

FORMULA IN g/l:

Pancreatic Digest of Gelatin.....	17.0	Bile Salts.....	1.5
Lactose Monohydrate.....	10.0	Neutral Red	0.03
Sodium Chloride.....	5.0	Crystal Violet.....	0.001
Peptones (Meat & Casein)	3.0	Bacteriological Agar.....	13.5

The pH after preparing the medium and at room temperature: 7.1 ± 0.2

PHYSICAL AND CHEMICAL TEST

Appearance: fine powder

Color: beige-pink

Solubility: w/o rests

Color of the prepared medium: violet-red.

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 24 hours.

Microorganisms	Growth	Colony Color	Inoculum (cfu/ml)	Recovery Rate %
<i>Enterobacter aerogenes</i> ATCC 13048	Good	Pink-red	10 ³ -10 ⁵	≥ 50
* <i>Escherichia coli</i> ATCC 25922	Good	Pink-red (bile precipitate)	10 ³ -10 ⁵	≥ 50
* <i>Escherichia coli</i> ATCC 8739	Good	Pink-red (bile precipitate)	10 ³ -10 ⁵	≥ 50
<i>Proteus vulgaris</i> ATCC 13315	Good	Colorless	10 ³ -10 ⁵	≥ 50
<i>Salmonella enteritidis</i> ATCC 13076	Good	Colorless	10 ³ -10 ⁵	≥ 50
<i>Shigella dysenteriae</i> ATCC 13313	Good	Colorless	10 ³ -10 ⁵	≥ 50
<i>Staphylococcus aureus</i> ATCC 6538	Inhibited	Colorless	>10 ⁵	≤ 0.01

*According to European Pharmacopeia 7.0. Incubate at 30-35°C and observed after 18-72 hours.

Laboratory result: Satisfactory

Carmen Ramirez, QC Manager

