

QUALITY CONTROL CERTIFICATE

PRODUCT: MANNITOL SALT AGAR (MSA) (CHAPMAN MEDIUM) EUROPEAN PHARMACOPOEIA, USP

CAT Nº: 1062

BATCH: 606151

RE-TEST DATE: 2020/06

QC Date: 2016/06/15

pH: 7.30



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

FORMULA IN g/l:

Sodium Chloride:	75.0	Beef Extract.....	1.0
D-Mannitol	10.0	Phenol Red:	0.025
Pancreatic Digest of Casein.....	5.00	Bacteriological Agar:.....	15.0
Peptic Digest of Animal Tissue	5.00		

The pH after preparing the medium and at room temperature: 7.4 ± 0.2

PHYSICAL AND CHEMICAL TEST

Appearance: fine powder

Solubility: w/o rests

Color: beige-pink

Color of the prepared medium: red.

MICROBIOLOGICAL TEST

The following results were obtained in the performance of the medium from type cultures after incubation at a temperature of $35 \pm 2^\circ\text{C}$ and observed after 18-24 hours and after 48 hours.

Microorganisms	Growth	Colony Color
<i>Escherichia coli</i> ATCC 25922	Inhibited	
* <i>Escherichia coli</i> ATCC 8739	Inhibited	
<i>Enterobacter aerogenes</i> ATCC 13048	Inhibited	
<i>Staphylococcus aureus</i> ATCC 25923	Good	Yellow
* <i>Staphylococcus aureus</i> ATCC 6538	Good	Yellow
<i>Staphylococcus epidermidis</i> ATCC 12228	Acceptable	Red
<i>Staphylococcus epidermidis</i> ATCC 14990	Good	Red

* According to European Pharmacopeia 7.0 incubate at $30-35^\circ\text{C}$ during 18-72 hours

Laboratory result: Satisfactory

Carmen Ramirez, QC Manager

