

QUALITY CONTROL CERTIFICATE

PRODUCT: DESOXYCHOLATE CITRATE AGAR (Eur. Pharm.)

CAT N°: 1067

BATCH: 1605053

RE-TEST DATE: 2021/05

QC Date: .

pH: 7.45



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

FORMULA IN g/l:

Sodium Citrate:.....	20.0	Sodium-Desoxycholate:.....	5.0
Beef Extract:.....	10.0	Ferric Citrate:	1.0
Meat Peptone:.....	10.0	Neutral Red:.....	0.02
Lactose Monohydrate:	10.0	Bacteriological Agar:.....	13.5

The pH after preparing the medium and at room temperature: 7.5 ± 0.2

PHYSICAL AND CHEMICAL TEST

Appearance: fine powder

Solubility: a slight precipitate may appear

Color: pinkish-beige

Color of the prepared medium: red-orange

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.

Microorganisms	Growth	Colony Color	H ₂ S
<i>Escherichia coli</i> ATCC 25922	Partially Inhibited	Pink with bile precipitate	-
<i>Salmonella enteritidis</i> ATCC 13076	Good	Colorless	+
* <i>Salmonella typhimurium</i> ATCC 14028	Good	Colorless	+
<i>Shigella flexneri</i> ATCC 12022	Moderate	Colorless	-
<i>Enterococcus faecalis</i> ATCC 19433	Inhibited	-	-

* According to European Pharmacopeis incubate at $35-37^\circ\text{C}$ for 18-72 hours

Laboratory result: *Satisfactory*

Carmen Ramirez, QC Manager

