

QUALITY CONTROL CERTIFICATE

PRODUCT: LAURYL SULFATE CHROMOGENIC BROTH

CAT N°: 1465

LOT N°:

EXPIRY DATE:

QC Date:

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

FORMULA IN g/l:

Tryptose:.....	5.0	Sodium Chloride:.....	5.0
Dipotassium Phosphate:.....	2.7	Monopotassium Phosphate.....	2.0
Sorbitol.....	1.0	Tryptophan.....	1.0
Sodium Lauryl Sulfate.....	0.1	Chromogenic-Fluorogenic Mix.....	0.23

The pH after preparing the medium and at room temperature: 6.8 ± 0.2

PHYSICAL AND CHEMICAL TEST

Appearance:..... fine powder Solubility:..... w/o rests
Color:..... beige pH:..... 6.8

Color of the prepared medium: clear amber

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.

<u>Microorganisms</u>	<u>Growth</u>	<u>Color of the Medium</u>	<u>Fluorescence</u> (366 nm)	<u>Indol</u>
<i>Escherichia coli</i> ATCC 25922	Good	Blue-Greenish	+	+
<i>Escherichia coli</i> ATCC 8739	Good	Blue-Greenish	+	+
<i>Enterobacter aerogenes</i> ATCC 13078	Good	Blue-Greenish	-	-
<i>Klebsiella pneumoniae</i> ATCC 13883	Good	Blue-Greenish	-	-
<i>Citrobacter freundii</i> ATCC 8090	Good	Blue-Greenish	-	-
<i>Shigella flexneri</i> ATCC 12022	Good	w/o changes	-	-
<i>Salmonella typhimurium</i> ATCC 14028	Good	w/o changes	-	-

Laboratory result: *Satisfactory*

Carmen Ramirez, QC Manager

