

Lot Number 806083

**PRODUCT:** DEV LACTOSE PEPTONE BROTH WITH MUG

**CAT Nº:** FCM-246

**BATCH:** 806083

**RE-TEST DATE:** 2022/06

**QC Date:** 2018/06

**pH:** 7.13

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

### FORMULA IN g/l:

Casein peptone: .....	17.0	Bromocresol purple: .....	0.02
Soy peptone:.....	3.0	Tryptophan:.....	1.0
Lactose: .....	10.0	4-methylumbelliferly-β-D-glucuronide:.....	0.1
Sodium chloride.....	5.0		

The pH after preparing the medium and at room temperature: 7.2 ± 0.2

### PHYSICAL AND CHEMICAL TEST

Appearance: .....fine powder

Solubility: ..... without rests

Color: ..... beige

Color of the prepared medium: purple.

### MICROBIOLOGICAL TEST

The following results were obtained from standard strains, after incubation at a temperature of 35° C and observed after 24-48 hours.

Microorganisms	Growth	Colour change to yellow	Gas	MUG	Indole
<i>Escherichia coli</i> ATCC 25922	Good	+	+	+	+
<i>Enterobacter aerogenes</i> ATCC 13048	Good	+	±	-	-
<i>Klebsiella pneumoniae</i> ATCC 13883	Good	+	+		
<i>Salmonella typhimurium</i> ATCC 14028	Good	-	-		
<i>Aeromonas hydrophila</i> ATCC 7966	Moderate	-	-		
<i>Enterococcus faecalis</i> ATCC 11700	Moderate	±	-		

**Laboratory result:** *Satisfactory*

Carmen Ramirez, QC Manager

