

**Product:** MacConkey Broth

**Catalog Number:** i23104

**Lot Number:**

**Date of Release:**

**Expiration Date:**

**Dehydrated Appearance:** Light beige, free-flowing, homogeneous.

**Solution:** 3.5% solution, soluble in purified water. Solution is purple, clear.

**Prepared Appearance:** Purple, clear.

**pH of 3.5 Solution at 25 °C:**  $7.1 \pm 0.2$

**Cultural Response:** Prepare the medium per label directions. Inoculate and incubate at  $35 \pm 2^\circ\text{C}$  for 18-24 hours. For *E. coli* ATCC 8739 and *S. aureus* ATCC 6538, inoculate 100 mL bottles and incubate at  $43-44^\circ\text{C}$  for 18-48 hours.

Organism	ATCC	Inoculum CFU	Recovery	Acid	Gas
<i>Enterococcus faecalis</i>	29212	10	Marked to complete inhibition	-	-
<i>Escherichia coli</i>	25922	30-300	Good	+	+
<i>Salmonella enterica</i> subsp. <i>enterica</i> serotype Choleraesuis	12011	30-300	Good	-	-
<i>Escherichia coli</i>	8739	<100	Growth (at 24 hours)	N/A*	N/A
<i>Staphylococcus aureus</i>	6538	>100	No Growth (at 48 hours)	N/A	N/A

\*ATCC is a registered trade mark of the American Type Culture Collection.

\*Not Applicable

QC Department

شرکت زیست کاوش ایرانیان

کرج، ۴۵ متری گلشهر، کوکب شرقی، ساختمان ایبرسکو، پلاک ۴۳۱. تلفن: ۰۲۶-۳۳۵۱۶۴۶۷

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