

Product: m-FC Broth

Catalog Number: i23260

Lot Number:

Date of Release:

Expiration Date:

Dehydrated Appearance: Beige with a slight blue tint to blue, free-flowing homogeneous.

Solution: 3.7% solution, soluble in purified water upon boiling. Without 1% Rosolic Acid: blue, very slightly to slightly opalescent, may have a slight precipitate. With 1% Rosolic Acid: cranberry red, slightly opalescent, may have a slight precipitate.

Prepared Appearance: Without 1% Rosolic Acid—Blue, slightly opalescent, may have slight precipitate.

With 1% Rosolic Acid—Cranberry red, slightly opalescent, may have slight precipitate.

pH of 3.7 Solution at 25 °C: 7.4 ± 0.2 (without 1% Rosolic Acid)

Cultural Response: Prepare the medium per label directions with 1% Rosolic Acid. Using the membrane filter technique, inoculate at $44.5 \pm 0.5^\circ\text{C}$ for 24 ± 2 hours.

Organism	ATCC**	Inoculum CFU	Growth at 44.5 °C	Color
<i>Enterococcus faecalis</i>	19433	$10^2\text{-}2 \times 10^3$	Marked to complete inhibition	-
<i>Escherichia coli</i>	25922	20-80	Good	Blue
<i>Salmonella typhimurium</i>	14028	$10^2\text{-}2 \times 10^3$	Good	Pink to Red
<i>Enterobacter aerogenes</i>	13048	$10^2\text{-}2 \times 10^3$	Good	Pink to gray

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

QC Department