

Product: M 17 Broth

Catalog Number: i23099

Lot Number:

Date of Release:

Expiration Date:

Dehydrated Appearance: Beige to medium tan, free-flowing, homogeneous.

Solution: 4.25% solution, soluble in purified water after autoclaving. Solution is light-medium to medium amber, clear to very slightly opalescent.

Prepared Appearance: Light medium to medium amber, clear to very slightly opalescent, no significant precipitate.

pH of 4.25 % Solution at 25 °C: 7.2 ± 0.2

Cultural Response: Inoculate and incubate for 40-48 hours; *Lactococcus lactis* subsp. *Cremoris* at $30 \pm 2^\circ\text{C}$ and the remaining organisms at $35 \pm 2^\circ\text{C}$.

Organism	ATCC*	Inoculum CFU	Recovery
<i>Lactobacillus delbrueckii</i> subsp. <i>Bulgaricus</i>	11842	10^2 - 10^3	None to poor
<i>Lactococcus lactis</i> subsp. <i>Cremoris</i>	19257	10^2 - 10^3	Good
<i>Lactococcus lactis</i> subsp. <i>Cremoris</i>	9625	10^2 - 10^3	Good
<i>Streptococcus thermophiles</i>	19258	10^2 - 10^3	Good

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

QC Department