

Product: LMX Broth

Catalog Number: i23217

Lot Number:

Date of Release:

Expiration Date:

Dehydrated Appearance: Cream to light yellow, homogeneous, free-flowing.

Solution: 1.7% solution, soluble in purified water.

Prepared Appearance Cream to light yellow.

pH of 1.7% solution 25 °C: 6.8 ± 0.2

Cultural Response: : For testing 100 ml water samples, double strength of media (34 g per liter) was prepared and sterilized in 100 ml quantities in dilution bottles (250 ml capacity). 100 ml of drinking water was added to each and bottles were inoculated with standard organisms. Cultural response was observed after 18-48 hours of incubation at $35 \pm 0.5^\circ\text{C}$.

Organism	ATCC*	Color Change to Blue-Green	Fluorescence	Indole Reaction
<i>Escherichia coli</i>	25922	+	+	+
<i>Shigella flexneri</i>	12022	-	-	-
<i>Enterobacter aerogenes</i>	13048	+	-	-
<i>Salmonella typhimurium</i>	14028	-	-	-
<i>Citrobacter freundii</i>	8090	+	-	-

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

QC Department