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QUALITY CONTROL CERTIFICATE

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Product : MIU (Motility-Indole Urea) Medium, 5mL

Catalog No. : ISO-6065 Manufacture Date :
Batch No. : Expiry Date :

A. PHYSICAL CHARACTERISTICS

1. Media appearance: Orange to reddish orange, very slightly opalescent, semisolid

2. pH at 25°C : (pH specification range: 7.2 ± 0.2)

3. Sterility : Passed inspection after 3 days.

B. BIOLOGICAL PERFORMANCE

Representative samples of this batch were inoculated with the test organisms, incubated under appropriate atmospheric conditions and gave cultural responses indicated:

Test Organisms	ATCC®	Incubation	Motility	Urease production	Indole Production
Escherichia coli	25922	35 ± 2 °C, Aerobic, 18-24hr	+	-	+
Klebsiella pneumoniae	13833	35 ± 2 °C, Aerobic, 18-24hr	-	+ (slow)	-
Proteus mirabilis	25933	35 ± 2 °C, Aerobic, 18-24hr	+	+	-
Proteus vulgaris	8427	35 ± 2 °C, Aerobic, 18-24hr	+	+	+
Salmonella enteritidis	13076	35 ± 2 °C, Aerobic, 18-24hr	+	-	-
Shigella flexneri	12022	35 ± 2 °C,Aerobic,18-24hr	-	-	-

+ = Positive - = Negative () = Occasional reaction

Representative samples of this lot were tested for microbial load and were found to be acceptable.

The pH stated was obtained at time of release, the pH may vary within the stated range depending on age of product and type of pH meter and probe used.

Results reported were obtained at time of release.