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ISO 9001:2000 Certified

## QUALITY CONTROL CERTIFICATE

Date :

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

Catalog No. : ISO-6065

Manufacture Date :

Batch No. :

Expiry Date :

### A. PHYSICAL CHARACTERISTICS

- Media appearance : Orange to reddish orange, very slightly opalescent, semisolid
- pH at 25°C : (pH specification range:  $7.2 \pm 0.2$ )
- 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
<i>Escherichia coli</i>	25922	35 ± 2 °C, Aerobic, 18-24hr	+	-	+
<i>Klebsiella pneumoniae</i>	13833	35 ± 2 °C, Aerobic, 18-24hr	-	+ (slow)	-
<i>Proteus mirabilis</i>	25933	35 ± 2 °C, Aerobic, 18-24hr	+	+	-
<i>Proteus vulgaris</i>	8427	35 ± 2 °C, Aerobic, 18-24hr	+	+	+
<i>Salmonella enteritidis</i>	13076	35 ± 2 °C, Aerobic, 18-24hr	+	-	-
<i>Shigella flexneri</i>	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.

QC Manager