



# ISOLAB SDN BHD (428427-T)

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Rgn No : 852288  
ISO 9001:2000 Certified

## QUALITY CONTROL CERTIFICATE

Date :

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Product : SIM (Sulfide Indole Motility) Medium, 5mL

Catalog No. : ISO-6470

Manufacture Date :

Batch No. :

Expiry Date :

### A. PHYSICAL CHARACTERISTICS

1. Medium appearance : Light amber, very slightly opalescent.
2. pH at 25°C : (pH specification range:  $7.3 \pm 0.2$ )
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®	Growth	H <sub>2</sub> S	Motility	Indole
<i>Escherichia coli</i>	25922	Good	-	+	+
<i>Salmonella typhimurium</i>	14028	Good	+	+	-
<i>Shigella flexneri</i>	12022	Good	-	-	-

+ Motility = motile, diffuse growth outward from the stab line or turbidity of the medium.

+ H<sub>2</sub>S = H<sub>2</sub>S formed, blackening along the stab line.

+ Indole = indole produced, production of red colour after the addition of 3-4 drops of Kovacs' reagent.

- = negative test: non-motile, hydrogen sulfide not formed, no indole produced.

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