

**ISOLAB SDN BHD** (428427-T)

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## QUALITY CONTROL CERTIFICATE

Date :

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Product : Selenite-F Broth (for Salmonella Enrichment), 5mL

Catalog No. : ISO-6420

Manufacture Date :

Batch No. :

Expiry Date :

### **A. PHYSICAL CHARACTERISTICS**

1. Tube appearance : Slight amber, slight hazy.
2. pH at 25°C : (pH specification range:  $7.0 \pm 0.2$ )
3. Sterility : Passed inspection after 3 days.

### **B. BIOLOGICAL PERFORMANCE**

Representative samples of this batch were inoculated with the test organisms, incubated at  $35 \pm 2^\circ\text{C}$  for 18 – 24 hours and then subcultured on MacConkey II Agar and gave cultural responses as indicated:

| Test Organisms                | ATCC® | Inoculum (CFU's) | Incubation                                | Recovery                        | Colony Colour                 |
|-------------------------------|-------|------------------|-------------------------------------------|---------------------------------|-------------------------------|
| <i>Escherichia coli</i>       | 25922 | 100-1,000        | $35 \pm 2^\circ\text{C}$ , Aerobic, 24 hr | Partial to complete inhibition. | Pink with bile precipitation. |
| <i>Salmonella typhimurium</i> | 14028 | 100-1,000        | $35 \pm 2^\circ\text{C}$ , Aerobic, 24 hr | Good.                           | Colourless.                   |
| <i>Shigella sonnei</i>        | 9290  | 100-1,000        | $35 \pm 2^\circ\text{C}$ , Aerobic, 24 hr | Good.                           | Colourless.                   |

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