

## ISOLAB SDN BHD (428427-T)

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## **QUALITY CONTROL CERTIFICATE**

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Product : Brain Heart Infusion Agar (Deep Fill)

Catalog No. : ISO-1170 Manufacture Date :
Batch No. : Expiry Date :

## A. PHYSICAL CHARACTERISTICS

1. Plate appearance : Light amber, slightly opalescent with flocculent precipitate.

2. pH at 25°C : (pH specification range:  $7.4 \pm 0.2$ )

3. Sterility : Passed inspection after 5 days.

## B. BIOLOGICAL PERFORMANCE

Representative samples of this batch were tested and gave satisfactory growth and reaction performance with the following cultures:

Test Organisms	<b>ATCC</b> ®	Inoculum (CFU'S)	Incubation	Result
Aspergillus niger	16404	100-1,000	30±2°C, Aerobic, 18–72 hours,	Satisfactory growth.
Candida albicans	10231	100-1,000	35±2°C, Aerobic, 18-48 hours,	Satisfactory growth. Colonies medium to large and white.
Shigella flexneri	12022	100-1,000	35±2°C, Aerobic, 18-48 hours,	Satisfactory growth. Colonies medium to large, grayish-white, translucent, slightly convex and mucoid.
Streptococcus pneumoniae	6305	100-1,000	35±2°C, 5-10% CO <sub>2</sub> , 18-48 hours	Satisfactory growth. Colonies small, flattened, circular and translucent.
Streptococcus pyogens	19615	100-1,000	35±2°C, 5-10% CO <sub>2</sub> , 18-48 hours	Satisfactory growth.
Staphylococcus aureus	25923	100-1,000	35±2°C, 5-10% CO <sub>2</sub> , 18-48 hours	Satisfactory growth.

A satisfactory growth corresponds with moderate to heavy growth of the test organisms.

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.