



ISOLAB SDN BHD (428427-T)

No. 5, Jalan Anggerik Mokara 31/46,
Kota Kemuning, 40460 Shah Alam,
Selangor Darul Ehsan, Malaysia.

Tel : +6 03-5122 5331 / 5122 5337
Fax : +6 03-5122 7191
E-mail : enquiry@isolab.com.my
Website : http://www.isolab.com.my

Rgn No : 852288
ISO 9001:2000 Certified

QUALITY CONTROL CERTIFICATE

Date :

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Product : Lauryl Sulfate Broth with Durham Tube (Double Strength), 10ml

Catalog No. : ISO-5931

Manufacture Date :

Batch No. :

Expiry Date :

A. PHYSICAL CHARACTERISTICS

1. Solution appearance : Tan to yellow, clear to slightly hazy.
2. pH at 25°C : (pH specification range: 6.8 ± 0.2)
3. Sterility : Passed inspection after 3 days.

B. BIOLOGICAL PERFORMANCE

Representative samples of this batch were diluted with 10mL of sterile purified water, then inoculated with the test organisms, incubated under appropriate atmospheric conditions and gave cultural responses as indicated:

| Test Organisms | ATCC® | Inoculum (CFU's) | Incubation | Recovery | Gas Production |
|-------------------------------|-------|-----------------------------------|------------------|-------------------------------|----------------|
| <i>Enterobacter aerogenes</i> | 13048 | 30 – 300 | 35±2°C, 24 hours | Good | Weak + |
| <i>Enterococcus faecalis</i> | 29212 | 10 ⁴ – 10 ⁵ | 35±2°C, 24 hours | Inhibited | |
| <i>Escherichia coli</i> | 25922 | 30 – 300 | 35±2°C, 24 hours | Good | + |
| <i>Salmonella typhimurium</i> | 14028 | 30 – 300 | 35±2°C, 24 hours | Good | – |
| <i>Staphylococcus aureus</i> | 25923 | 300 – 1,000 | 35±2°C, 24 hours | Marked to complete inhibition | – |

+ Gas Production is defined as the presence of gas in the inverted Durham Tube with a corresponding effervescence produced when the tube is gently shaken.

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.

QC Manager