

$ISOLAB SDN BHD_{(428427-T)}$

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

QUALITY CONTROL CERTIFICATE

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Product : Triple Sugar Iron Agar Slants

Catalog No. : ISO-6670 Manufacture Date :
Batch No. : Expiry Date :

A. PHYSICAL CHARACTERISTICS

Media appearance: Red, slightly opalescent with no precipitate.
 pH at 25°C: (pH specification range: 7.3 ± 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® | Inoculum (CFU'S) | Growth | Slant | Butt | Gas | H_2S |
|------------------------|-------|---------------------|--------|----------|----------|-----|--------|
| Escherichia coli | 25922 | Undiluted | Good | Acid | Acid | + | - |
| Pseudomonas aeruginosa | 27853 | Undiluted | Good | Alkaline | Alkaline | - | - |
| Salmonella typhimurium | 14028 | Undiluted | Good | Alkaline | Acid | + | + |
| Shigella flexneri | 12022 | Undiluted | Good | Alkaline | Acid | - | - |

Acid = acid reaction (yellow) Alkaline = alkaline reaction (red or pink)

+ Gas = cracks, splits or bubbles in medium - Gas = no cracks, splits or bubbles in

medium

 $+ H_2S = H_2S$ formed, blackening of the butt $- H_2S = no$ blackening of the butt

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.