



QUALITY CONTROL CERTIFICATE

Date :

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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)
- 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 ₂ S
<i>Escherichia coli</i>	25922	Undiluted	Good	Acid	Acid	+	-
<i>Pseudomonas aeruginosa</i>	27853	Undiluted	Good	Alkaline	Alkaline	-	-
<i>Salmonella typhimurium</i>	14028	Undiluted	Good	Alkaline	Acid	+	+
<i>Shigella flexneri</i>	12022	Undiluted	Good	Alkaline	Acid	-	-

Acid = acid reaction (yellow)
+ Gas = cracks, splits or bubbles in medium
+ H₂S = H₂S formed, blackening of the butt

Alkaline = alkaline reaction (red or pink)
- Gas = no cracks, splits or bubbles in
- H₂S = 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.

QC Manager