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QUALITY CONTROL CERTIFICATE

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Product : Lysine Iron Agar Slants

Catalog No. : ISO-5980 Manufacture Date :
Batch No. : Expiry Date :

A. PHYSICAL CHARACTERISTICS

1. Media appearance : Purple, slightly opalescent with no precipitate. 2. pH at 25° C : (pH specification range: 6.7 ± 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®	Recovery	Lysine Deamination (Slant)	Lysine Decarboxylation (Butt)	H ₂ S
Escherichia coli	25922	Good	– (purple)	+ (purple)	_
Proteus vulgaris	9484	Good	+ (red)	- (yellow)	_
Salmonella arizonae	13314	Good	– (purple)	+ (purple)	+
Salmonella typhimurium	14028	Good	– (purple)	+ (purple)	+
Shigella flexneri	12022	Good	– (purple)	- (yellow)	_

 $⁺ H_2S = H_2S$ 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 times 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