

## ISOLAB SDN BHD (428427-T)

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## **QUALITY CONTROL CERTIFICATE**

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Product : Kligler Iron Agar Slants

Catalog No. : ISO-5910 Manufacture Date :
Batch No. : Expiry Date :

## A. PHYSICAL CHARACTERISTICS

 $1. \quad \text{Media appearance} \ : \quad \text{Orange red, slightly opalescent with no precipitate.}$ 

2. pH at  $25^{\circ}$ C : (pH specification range:  $7.4 \pm 0.2$ )

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	9027	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  $- H_2S = \text{no blackening of the butt}$ 

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.