

# BIOMARK LABORATORIES, INDIA

## CERTIFICATE OF ANALYSIS

**PRODUCT: Kligler Iron Agar Slant**

**PRODUCT CODE NO: AS004-10**

### QUALITY CONTROL: PHYSICAL

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
Colour	Red
pH	7.4 ± 0.2
Appearance	Sterile Kligler Iron Agar in disposable slants
Clarity	Clear to slightly opalescent
Sterility after 48 hrs	Sterile

### QUALITY CONTROL TESTS: MICROBIOLOGICAL CULTURAL RESPONSE

Cultural characteristics observed after incubation at 35-37°C for 18-24 hours.

Organism Description	Inoculum(CFU)	Growth	Slant	Butt	Gas	H2S
Citrobacter freundii ATCC8090	[50-100]	[luxuriant]	[Acidic reaction, yellowing of the medium]	[Acidic reaction, yellowing of the medium]	[positive reaction ]	[positive, blackening of medium ]
Enterobacter aerogenes ATCC 13048	[50-100]	[luxuriant]	[Acidic reaction, yellowing of the medium]	[Acidic reaction, yellowing of the medium]	[positive reaction ]	[negative, no blackening of medium]
Escherichia coli ATCC 25922	[50-100]	[luxuriant]	[Acidic reaction, yellowing of the medium]	[Acidic reaction, yellowing of the medium]	[positive reaction ]	[negative, no blackening of medium]
Klebsiella pneumoniae ATCC 13883	[50-100]	[luxuriant]	[alkaline reaction, red colour of the medium]	[Acidic reaction, yellowing of the medium]	[positive reaction ]	[negative, no blackening of medium]
Proteus vulgaris ATCC 6380	[50-100]	[luxuriant]	[Alkaline reaction, red colour of the medium]	[Acidic reaction, yellowing of the medium]	[negative reaction ]	[positive, blackening of medium ]
Salmonella Paratyphi A ATCC 9150	[50-100]	[luxuriant]	[Alkaline reaction, red colour of the medium]	[Acidic reaction, yellowing of the medium]	[positive reaction ]	[negative, no blackening of medium]
Salmonella typhi ATCC 6539	[50-100]	[luxuriant]	[Alkaline reaction, red colour of the medium]	[Acidic reaction, yellowing of the medium]	[negative reaction ]	[positive, blackening of medium ]
Salmonella Schottmuelleri 10719	[50-100]	[luxuriant]	[Alkaline reaction, red colour of the medium]	[Acidic reaction, yellowing of the medium]	[positive reaction]	[positive, blackening of medium ]
Salmonella Enteritidis ATCC 13076	[50-100]	[luxuriant]	[Alkaline reaction, red colour of the medium]	[Acidic reaction, yellowing of the medium]	[positive reaction ]	positive, blackening of medium ]

Shigella flexneri ATCC 12022	[50-100]	[luxuriant]	[Alkaline reaction, red colour of the medium]	[Acidic reaction, yellowing of the medium]	[negative reaction ]	[negative, no blackening of medium]
Pseudomonas aeruginosa ATCC 27853	[50-100]	[luxuriant]	[Alkaline reaction, red colour of the medium]	[Alkaline reaction, red colour of the medium]	[negative reaction ]	[negative, no blackening of medium]
Yersinia enterocolitica ATCC 27729	[50-100]	[luxuriant]	[Alkaline reaction, red colour of the medium]	[Acidic reaction, yellowing of the medium]	variable reaction	[negative, no blackening of medium]
Enterobacter cloacae ATCC 13047	[50-100]	[luxuriant]	[Acidic reaction, yellowing of the medium]	[Acidic reaction, yellowing of the medium]	[positive reaction]	[negative, no blackening of medium]

This is to certify that this lot passes and it confirms to the above-mentioned tests and specifications. The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particular use, other than that specified in the current Biomark literature. The results reported were obtained at the time of release.

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