

BIOMARK LABORATORIES, INDIA

CERTIFICATE OF ANALYSIS

PRODUCT: Triple Sugar Iron Agar Slant

PRODUCT CODE NO: AS012-10

QUALITY CONTROL: PHYSICAL

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
Colour	Red
pH	7.4 ± 0.2
Appearance	Sterile Triple Sugar 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]	[Acidic reaction, yellowing of the medium]	[Acidic reaction, yellowing of the medium]	[positive reaction]	[negative, no blackening of medium]
Proteus vulgaris ATCC 13315	[50-100]	[luxuriant]	[Alkaline reaction, red colour of the medium]	[Acidic reaction, yellowing of the medium]	[negative reaction]	[positive, blackening of medium]
Salmonella Paratyphi ATCC 915	[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 Typhimurium ATCC 14028	[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]
Escherichia coli ATCC 8739	[50-100]	[luxuriant]	[Acidic reaction, yellowing of the medium]	[Acidic reaction, yellowing of the medium]	[positive reaction]	[negative, no blackening of medium]
Escherichia coli NCTC 9002	[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 10031	[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 particulars use, other than that specified in the current Biomark literature. The results reported were obtained at the time of release.

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