

CERTIFICATE OF ANALYSIS

PRODUCT : Triple sugar iron agar

PRODUCT CODE NO.: B048

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Light Pink
APPEARANCE	Homogenous free flowing powder

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	7.4+/-0.2
COLOR (post autoclaving/heating)	Pinkish red
CLARITY (post autoclaving/heating)	Clear to slightly opalescent

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

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

Organism Description	Inoculum(CFU)	Growth	Slant	Butt	Gas	H2S
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 AATCC 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 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 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
Citrobacter freundii ATCC 8090	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

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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