

BIOMARK LABORATORIES, INDIA

CERTIFICATE OF ANALYSIS

PRODUCT: Kligler iron agar

PRODUCT CODE NO.: B1089

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Light pink to light reddish pink
APPEARANCE	Homogeneous Free Flowing powder

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	7.4+/-02
COLOR (post autoclaving/heating)	Reddish orange to red
CLARITY (post autoclaving/heating)	Clear to slightly opalescent

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed after 24-48 hrs at 35-37°C.

Organism Description	INOCULUM(C FU)	GROWTH	SLANT	BUTT	GAS	H2S
Citrobacter freundii(8090)	[50-100]	[luxuriant]	[acidic reaction,yellowing of the medium]	[acidic reaction,yellow wing of the medium]	[positive reaction]	[positive reaction, blackening of medium]
Escherichia coli (25922)	[50-100]	[luxuriant]	[acidic reaction,yellowing of the medium]	[acidic reaction,yellow wing of the medium]	[positive reaction]	[negative reaction,no blackening of medium]
Enterobacter aerogenes (13047)	[50-100]	[Luxuriant]	[acidic reaction,yellowing of the medium]	[acidic reaction,yellow wing of the medium]	[positive reaction]	[negative reaction,no blackening of medium]
Klebsiella pneumoniae (13883)	[50-100]	[luxuriant]	[acidic reaction,yellowing of the medium]	[acidic reaction,yellow wing of the medium]	[positive reaction]	[negative reaction,no blackening of medium]
Proteus vulgaris (13315)	[50-100]	[luxuriant]	[alkaline reaction, red colour of the medium]	[acidic reaction,yellow wing of the medium]	[negative reaction]	[positive reaction, blackening of medium]

Salmonella paratyphi A (9150)	[50-100]	[luxuriant]	[alkaline reaction, red colour of the medium]	[acidic reaction,yello wing of the medium]	[positive reaction]	[negative reaction,no blackening of medium]
Salmonella schottmuelleri (10719)	[50-100]	[luxuriant]	[alkaline reaction, red colour of the medium]	[acidic reaction,yello wing of the medium]	[positive reaction]	[positive reaction, blackening of medium]
Salmonella typhi (6539)	[50-100]	[luxuriant]	[alkaline reaction, red colour of the medium]	[acidic reaction,yello wing of the medium]	[negative reaction]	[positive reaction, blackening of medium]
Salmonella enteritidis (13076)	[50-100]	[luxuriant]	[alkaline reaction, red colour of the medium]	[acidic reaction,yello wing of the medium]	[positive reaction]	[positive reaction, blackening of medium]
Shigella flexneri (12022)	[50-100]	[luxuriant]	[alkaline reaction, red colour of the medium]	[acidic reaction,yello wing of the medium]	[negative reaction]	[negative reaction,no blackening of medium]
Pseudomona s aeruginosa (27853)	[50-100]	[luxuriant]	[alkaline reaction, red colour of the medium]	[alkaline reaction, red colour of the medium]	[negative reaction]	[negative reaction,no blackening of medium]
Yersinia enterocolitica (27729)	[50-100]	[luxuriant]	[alkaline reaction, red colour of the medium]	[acidic reaction,yello wing of the medium]	[variable reaction]	[Negative]
Enterobacter cloacae (13047)	[50-100]	[luxuriant]	[acidic reaction,yell owing of the medium]	[acidic reaction,yello wing of the medium]	[positive reaction]	[negative reaction,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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