

BIOMARK LABORATORIES, INDIA

CERTIFICATE OF ANALYSIS

REPORT NO.:
PRODUCT : Mac Conkey Agar w/Agar 1.35% CV,NaCl and Bile Salt
0.15%
PRODUCT CODE NO.: B603

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Pinkish beige
APPEARANCE	Homogenous free flowing powder

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	7.1+/-0.2
COLOR (post autoclaving/heating)	Red with purplish tinge
CLARITY (post autoclaving/heating)	Clear to slightly opalescent

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed after 18 –24 hrs at 35-37° C

Organism Description	Inoculum(CFU)	Growth	Recovery	Colour of colony
Enterobacter aerogenes ATCC13048	[50-100]	[good-luxuriant]	[>=50%]	[pink to red]
Escherichia coli ATCC25922	[50-100]	[good-luxuriant]	[>=50%]	[pink-red with bile precipitate]
Escherichia coli ATCC8739	[50-100]	[good-luxuriant]	[>=50%]	[colourless]
Proteus vulgaris ATCC13315	[50-100]	[good-luxuriant]	[>=50%]	[colourless]
Salmonella enteritidis ATCC13076	[50-100]	[good-luxuriant]	[>=50%]	[colourless]
Salmonella typhi ATCC6539	[50-100]	[good-luxuriant]	[>=50%]	[colourless]
Salmonella paratyphiA ATCC 9150	[50-100]	[good-luxuriant]	[>=50%]	[colourless]
Salmonella paratyphiB ATCC 8759	[50-100]	[good-luxuriant]	[>=50%]	[colourless]

Shigella flexneri ATCC 12022	[50-100]	[fair-good]	[30-40%]	[colourless]
Enterococcus faecalis ATCC 29212	[50-100]	[fair-good]	[30-40%]	[pale pink to red]
Staphylococcus aureus ATCC 25923	[>=10 ³]	[inhibited]	[0%]	[-]
Staphylococcus aureus ATCC 6538	[>=10 ³]	[inhibited]	[0%]	[-]

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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