

BIOMARK LABORATORIES

CERTIFICATE OF ANALYSIS

PRODUCT :	Macconkey agar
PRODUCT CODE NO.:	B1374

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)	Orange Red
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 ATCC 13048	[50-100]	[good-luxuriant]	[>=50%]	[pink to red]
Salmonella typhi ATCC 6539	[50-100]	[good-luxuriant]	[>=50%]	[colourless]
Salmonella paratyphiA ATCC9150	[50-100]	[good-luxuriant]	[>=50%]	[colourless]
Salmonella paratyphi B ATCC 8759	[50-100]	[good-luxuriant]	[>=50%]	[colourless]
Shigella flexneri ATCC12022	[50-100]	[good-luxuriant]	[>=50%]	[colourless]
Enterococcus faecalis ATCC 29212	[50-100]	[fair-good]	[30-40%]	[pale pink-red]
Staphylococcus aureus ATCC 25923	[50-100]	[fair-good]	[30-40%]	[pale pink-red]
Proteus vulgaris ATCC 13315	[50-100]	[good-luxuriant]	[>=50%]	[colourless]
Escherichia coli ATCC 25922	[50-100]	[good-luxuriant]	[>=50%]	[pink-red with bile precipitate]

Salmonella enteritidis ATCC 13076	[50-100]	[good-luxuriant]	[>=50%]	[colourless]
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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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