

## CERTIFICATE OF ANALYSIS

**PRODUCT :** Mac Conkey Agar w/Agar 1.35% CV, NaCl and Bile Salt 0.15%

**PRODUCT CODE NO.:** BH603

### 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	
Salmonella enteritidis ATCC13076	50-100	good-luxuriant	>=50%	colourless	
Salmonella paratyphiB ATCC 8759	50-100	good-luxuriant	>=50%	colourless	
Enterobacter aerogenes ATCC13048	50-100	good-luxuriant	>=50%	pink-red	
Escherichia coli ATCC25922	50-100	good-luxuriant	>=50%	pink-red with bile precipitate	
Escherichia coli ATCC8739	50-100	good-luxuriant	>=50%	pink-red with bile precipitate	
Proteus vulgaris ATCC13315	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	
Shigella flexneri ATCC 12022	50-100	good-luxuriant	>=50%	colourless	
Enterococcus faecalis ATCC 29212	50-100	good-luxuriant	30-40%	colourless	
Staphylococcus aureus ATCC 25923	>=10 <sup>3</sup>	fair-good	30-40%	pale pink-red	

Staphylococcus aureus ATCC 6538	$\geq 10^3$	fair-good	30-40%	pale pink-red	Complies
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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 particulars use, other than that specified in the current Biomark literature. The results reported were obtained at the time of release.

This document has been produced electronically and is valid.

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