

BIOMARK LABORATORIES, INDIA

CERTIFICATE OF ANALYSIS

PRODUCT : Macconkey agar

PRODUCT CODE NO.: B1373

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)	7.4+/-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 (13048)	[50-100]	[good-luxuriant]	[>=50%]	[pink -red]	
Escherichia coli (25922)	[50-100]	[good-luxuriant]	[>=50%]	[Pink to red w/bile precipitate]	
Proteus vulgaris (13315)	[50-100]	[good-luxuriant, no swarming]	[>=50%]	[colourless]	
Salmonella enteritidis (13076)	[50-100]	[good-luxuriant]	[>=50%]	[colourless]	
Salmonella typhi (6539)	[50-100]	[good-luxuriant]	[>=50%]	[colourless]	
Salmonella paratyphi A(9150)	[50-100]	[good-luxuriant]	[>=50%]	[colourless]	
Salmonella paratyphi B(8759)	[50-100]	[good-luxuriant]	[>=50%]	[colourless]	
Shigella flexneri (12022)	[50-100]	[good-luxuriant]	[>=50%]	[colourless]	
Enterococcus faecalis (29212)	[50-100]	[fair-good]	[30-40%]	[pale pink-red]	
Staphylococcus aureus (25923)	[50-100]	[fair-good]	[30-40%]	[pale pink-red]	

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.

This document has been produced electronically and is valid.

Address:- S.NO.135/1, DALVI WADI, NEAR NANDED PHATA, SINHAGAD ROAD, DHAIRI, PUNE-411041, INDIA.
Email ID:- biomarklabs@gmail.com / biomarkmktg@gmail.com, **Website:-** www.biomarklabs.com.

Rev: December 2023