

BIOMARK LABORATORIES, INDIA

CERTIFICATE OF ANALYSIS

PRODUCT: Nutrient- MacConkey Agar Plate

PRODUCT CODE NO: BB004-20

QUALITY CONTROL TESTS: DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOUR	Light amber coloured medium of Nutrient Agar and Red coloured medium with purplish tinge of MacConkey Agar.
PH	Nutrient Agar: 7.4 ± 0.2 MacConkey Agar: 7.1 ± 0.2
APPEARANCE	Sterile Nutrient and MacConkey Agar in 85mm disposable Biplates.
STERILITY TEST (AFTER 48 HOURS)	Sterile

QUALITY CONTROL TESTS: MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed after incubation at 35-37°C for 18-48 hours.

Microorganism (ATCC)	Inoculum (CFU)	Growth On Mac conkey Agar	Color On Macconkey Agar	Growth On Nutrient Agar
Escherichia coli 25922	[50-100]	Luxuriant	Pink-red w/ bile precipitate	Good-luxuriant
Staphylococcus aureus 25923	[$\geq 10^3$]	Inhibited	-	Good-luxuriant
S. serotype enteritidis 13076	[50-100]	Luxuriant	Colorless	Good -luxuriant
Streptococcus pyogenes 19615	[50-100]	-	-	Good -luxuriant
Klebsiella pneumoniae 13883	[50-100]	Luxuriant	Pink-red	-
Proteus vulgaris 13315	[50-100]	Luxuriant	Colorless	Good -luxuriant
S. serotype paratyphi A9150	[50-100]	Luxuriant	Colorless	-
Pseudomonas aeruginosa 27853	[50-100]	-	-	Good -luxuriant
Enterococcus faecalis 29212	[50-100]	None-poor	Colorless-pink	Good -luxuriant
Shigella flexneri 12022	[50-100]	Fair-good	Colorless	-
Enterobacter aerogenes 13048	[50-100]	Luxuriant	Pink-red	Good -luxuriant
S. serotype typhi 6539	[50-100]	Luxuriant	Colorless	Good -luxuriant

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: January 2026