

CERTIFICATE OF ANALYSIS

PRODUCT :	Mac conkey agar w/o cv, w/bile salts 0.5%
PRODUCT CODE NO.:	B242

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)	Light 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
Escherichia coli ATCC 25922	50-100	good-luxuriant	>=50%	pink-red with bile precipitate
Proteus vulgaris ATCC 13315	50-100	good-luxuriant	>=50%	colourless
Salmonella enteritidis ATCC 13076	50-100	good-luxuriant	>=50%	colourless
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	>=10 ³	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