

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

PRODUCT : Mac conkey agar base

PRODUCT CODE NO.:B605

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)	Purplish red	
CLARITY (post autoclaving/heating)	Clear to slightly opalescent	

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed after an incubation at 35-37 °C for 18-24 hours , with added 1% lactose.

Organism Description	Inoculum(CFU)	Growth	Recovery	Colour of colony
Escherichia coli ATCC 25922	50-100	good-luxuriant	>=50%	pink-red w/ bile precipitate
Enterobacter aerogenes ATCC 13048	50-100	good-luxuriant	>=50%	pink-red
Enterococcus faecalis ATCC 29212	50-100	fair-good	30-40%	pale pink-red
Proteus vulgaris ATCC 13315	50-100	good-luxuriant	>=50%	colourless
Salmonella paratyphi A ATCC 9150	50-100	good-luxuriant	>=50%	colourless
Salmonella paratyphi B ATCC 8759	50-100	good-luxuriant	>=50%	colourless
Salmonella typhi ATCC6539	50-100	good-luxuriant	>=50%	colourless
Salmonella enteritidis ATCC 13076	50-100	good-luxuriant	>=50%	colourless
Shigella dysenteriae ATCC 13313	50-100	fair-good	30-40%	colourless
Staphylococcus aureus ATCC29213	>=10 ³	inhibited	0%	-

