

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

PRODUCT : Mac conkey agar medium

PRODUCT CODE NO.: B1222

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 reddish
CLARITY (post autoclaving/heating)	clear to very slightly opalescent

QUALITY CONTROL TESTS : MICROBIOLOGICAL
CULTURAL RESPONSE:

Cultural characteristics observed after incubation at 35-37°C for 18-24 hours.

Organism Description	Inoculum (CFU)	Growth	Colour of colony
Enterobacter aerogenes (13048)	[50-100]	[Luxuriant]	[Pink to red]
Escherichia coli (25922)	[50-100]	[Luxuriant]	[Pink to red]
Staphylococcus aureus (25923)	[50-100]	[Inhibited]	[-]
Salmonella cholerasuis (12011)	[50-100]	[Fair -good]	[Colourless]