

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

PRODUCT :	Mannitol motility test medium
PRODUCT CODE NO.:	B610

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Pink
APPEARANCE	Homogenous free flowing powder

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	7.6+/-0.2
COLOR (post autoclaving/heating)	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 18-48 hours.

Organism Description	Inoculum	Growth	Mannitol fermentation	Motility
Escherichia coli (ATCC35218)	50 - 100	Luxuriant	Positive reaction, Yellow colour	Positive ,growth away from stabline causing turbidity
Proteus mirabilis(ATCC25933)	50 - 100	Luxuriant	Negative reaction, No colour change or red	Positive, growth away from stabline causing turbidity
Proteus vulgaris(ATCC13315)	50 - 100	Luxuriant	Negative reaction, No colour change or red	Positive, growth away from stabline causing turbidity
Salmonella typhi (ATCC6539)	50 - 100	Luxuriant	Positive reaction, Yellow colour	Positive, growth away from stabline causing turbidity
Shigella sonnei(ATCC25931)	50 - 100	Luxuriant	Positive reaction, Yellow colour	Negative, growth along the stabline, surrounding medium remains clear.
Staphylococcus aureus(ATCC25923)	50 - 100	Luxuriant	Positive reaction, Yellow colour	Negative, growth along the stabline, surrounding medium remains clear.
Staphylococcus epidermis(ATCC12228)	50 - 100	Luxuriant	Negative reaction, No colour change or red	Negative, growth along the stabline, surrounding medium remains clear.