

CERTIFICATE OF ANALYSIS

PRODUCT :	Mac conkey broth purple
PRODUCT CODE NO.:	B760

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Cream to purplish cream
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)	Purple
CLARITY (post autoclaving/heating)	clear solution

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed after 18 –24 hrs at 35-37°C.

Organism Description	INOCULUM (CFU)	GROWTH	ACID PRODUCTION	GAS PRODUCTION	OBSERVATION
Enterobacter aerogenes (13048)	50-100	Luxuriant	positive reaction, yellow colour	positive reaction	Complies
Escherichia coli (25922)	50-100	Luxuriant	positive reaction, yellow colour	positive reaction	Complies
Salmonella cholerasuis (12011)	50-100	Fair-good	Negative reaction	Negative reaction	Complies
Staphylococcus aureus (25923)	$\geq 10^3$	Inhibited	-	-	Complies
Escherichia coli (8739)	50-100	Luxuriant	positive reaction, yellow colour	positive reaction	Complies
Escherichia coli NCTC9002	50-100	Luxuriant	positive reaction, yellow colour	positive reaction	Complies
Staphylococcus aureus (6538)	$\geq 10^3$	Inhibited	-	-	Complies
Staphylococcus aureus NCIMB 9518	$\geq 10^3$	Inhibited	-	-	Complies

