

CERTIFICATE OF ANALYSIS

PRODUCT :	Mac conkey broth purple w/bcp
PRODUCT CODE NO.:	B1488

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Cream to yellow
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 to slightly opalescent solution in tubes

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Growth Promotion is carried out in accordance with the harmonized method of IP. For organisms not specified in pharmacopoeia, cultural response was observed after an incubation at 30-35°C for 18-48 hours.

Growth promoting properties

Clearly visible growth of microorganism comparable to that previously obtained with previously tested and approved lot of medium occurs at the specified temperature for not more than the shortest period of time specified inoculating ≤ 100 cfu (at 42-44°C for 24 hours).

Inhibitory properties

No growth of the test microorganism occurs for the specified temperature for not less than longest period of time specified inoculating ≥ 100 cfu(at 42-44°C for ≥ 48 hours).

Organism Description	Inoculum (CFU)	Growth	Acid	Gas	Incubation temperature	Incubation Period
Escherichia coli ATCC 8739	[50 -100]	[Luxuriant]	[Positive Reaction, Yel low colour]	[Positive reaction]	[42 -44 °C]	[≤ 24 hrs]
Staphylococcus aureus ATCC 6538	[$\geq 10^3$]	[Inhibited]	[-]	[-]	[42 -44 °C]	[≥ 48 hrs]
Escherichia coli ATCC 25922	[50 -100]	[Luxuriant]	[Positive Reaction, Yel low colour]	[Positive Reaction]	[30 -35 °C]	[18 -24 hrs]
Escherichia coli NCTC 9002	[50 -100]	[Luxuriant]	[Positive Reaction, Yel low colour]	[Positive Reaction]	[30 -35 °C]	[18 -24 hrs]
Enterobacter aerogenes ATCC 13048	[50 -100]	[Luxuriant]	[Positive Reaction, Yel low colour]	[Positive Reaction]	[30 -35 °C]	[18 -24 hrs]

Salmonella Choleraesuis ATCC 12011	[50 -100]	[Fair-Good]	[Negative reaction]	[Negative reaction]	[30 -35 °C]	[18 -24 hrs]
Staphylococcus aureus ATCC 25923	[>=10 ³]	[Inhibited]	[-]	[-]	[30 -35 °C]	[>=48 hrs]

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.

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