

CERTIFICATE OF ANALYSIS

PRODUCT :	Sim medium
PRODUCT CODE NO.:	B309

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)	7.3+/-0.2
COLOR (post autoclaving/heating)	Medium amber
CLARITY (post autoclaving/heating)	Clear to slightly opalescent

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

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

Organism Description	Inoculum(CFU)	Growth	Motility	Indole production(On addition of Kovac's reagent)	H2S
Escherichia coli ATCC 25922	50-100	luxuriant	positive, growth away from stabline causing turbidity	positive reaction, red ring at the interface of the medium	Negative reaction
Salmonella typhimurium ATCC 14028	50-100	luxuriant	positive, growth away from stabline causing turbidity	Negative reaction	Positive reaction, blackening of the medium
Shigella flexneri ATCC 12022	50-100	luxuriant	Negative, growth along the stabline, surrounding medium remains clear	Negative reaction	Negative reaction
Salmonella paratyphi A ATCC 9150	50-100	luxuriant	positive, growth away from stabline causing turbidity	Negative reaction	Negative reaction

Salmonella paratyphi B ATCC 8739	50-100	luxuriant	positive, growth away from stabline causing turbidity	Negative reaction	Positive reaction, blackening of the medium	
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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 particulars 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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