

CERTIFICATE OF ANALYSIS

PRODUCT :	Motility sulphide medium
PRODUCT CODE NO.:	B261

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Light 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)	Yellow
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 18-24 hours.

Organism Description	Inoculum (CFU)	Growth	Motility	H2S	Urease
Enterobacter aerogenes ATCC13048	[50-100]	[luxuriant]	[positive reaction, motile organism]	[negative reaction]	[negative reaction]
Escherichia coli ATCC 25922	[50-100]	[luxuriant]	[positive reaction, motile organism]	[negative reaction]	[negative reaction]
Proteus mirabilis ATCC 25933	[50-100]	[luxuriant]	[variable reaction, (motility is temperature dependent , may be absent at 35°C)]	[positive reaction, blackening of the medium]	[positive reaction, reddish purple colouration]
Salmonella typhimurium ATCC 14028	[50-100]	[luxuriant]	[positive reaction, motile organism]	[positive reaction, blackening of the medium]	[negative reaction]
Staphylococcus aureus ATCC 25923	[50-100]	[luxuriant]	[negative reaction, motile organism]	[negative reaction]	[negative reaction]
Shigella sonnei ATCC 25931	[50-100]	[luxuriant]	[negative reaction, motile organism]	[negative reaction]	[negative reaction]

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.

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