

**CERTIFICATE OF ANALYSIS**

<b>PRODUCT :</b>	Mio medium (motility indole ornithine medium)
<b>PRODUCT CODE NO.:</b>	B233

**QUALITY CONTROL TESTS : DEHYDRATED MEDIUM**

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
<b>COLOR</b>	Light yellow to pale green
<b>APPEARANCE</b>	Homogenous free flowing powder

**QUALITY CONTROL TESTS : REHYDRATED MEDIUM**

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	6.5+/-0.2
COLOR (post autoclaving/heating)	Purple
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 40-48 hours

Organism Description	Inoculum (CFU)	Growth	Motility	Indole production	Ornithine decarboxylation
Proteus mirabilis ATCC 25933	[50-100]	[luxuriant]	[motility is temperature dependent, it is more pronounced at 20°C and almost absent at 35 °C]	[negative reaction]	[positive reaction, purple colour]
Escherichia coli ATCC 25922	[50-100]	[luxuriant]	[positive, growth away from stabline causing turbidity]	[positive reaction, red ring at the interface of the medium]	[positive reaction, purple colour]
Enterobacter aerogenes ATCC 13048	[50-100]	[luxuriant]	[positive, growth away from stabline causing turbidity]	[negative reaction]	[positive reaction, purple colour]
Klebsiella pneumoniae ATCC 13883	[50-100]	[luxuriant]	[negative, growth along with stabline, surrounding medium remains clear]	[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.

This document has been produced electronically and is valid.

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