

CERTIFICATE OF ANALYSIS

PRODUCT :	Motility-indole-lysine medium (mil medium)
PRODUCT CODE NO.:	B590

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Cream to greenish yellow
APPEARANCE	Homogenous free flowing powder

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	6.6+/-0.2
COLOR (post autoclaving/heating)	Reddish purple
CLARITY (post autoclaving/heating)	Clear to slightly opalescent gel forms in tubes as butts

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed after an incubation at 35-37°C for 18-24 hours.

Organism Description	Inoculum (CFU)	Motility	Indole production	Lysine deaminase	Lysine decarboxylase
Enterobacter aerogenes ATCC 13048	[50-100]	[positive growth away from stabline]	[negative reaction]	[negative]	[positive reaction, purple colour]
Escherichia coli ATCC 25922	[50-100]	[positive growth away from stabline]	[positive red ring at the interface of the medium on addition of Kovacs reagent]	[negative]	[positive reaction, purple colour]
Klebsiella pneumoniae ATCC 13883	[50-100]	[negative growth along the stabline]	[occasional reaction]	[negative]	[positive reaction, purple colour]
Proteus mirabilis ATCC 25933	[50-100]	[positive growth away from stabline]	[negative reaction]	[positive reaction, red-brown colour reaction at the top]	[negative reaction]
Proteus vulgaris ATCC 13315	[50-100]	[positive growth away from stabline]	[positive red ring at the interface of the medium on addition of Kovacs reagent]	[positive reaction, red-brown colour reaction at the top]	[negative reaction]
Salmonella enteritidis ATCC 13076	[50-100]	[positive growth away from stabline]	[negative reaction]	[negative]	[positive reaction, purple colour]
Shigella flexneri ATCC 12022	[50-100]	[negative growth along the stabline]	[occasional reaction]	[negative]	[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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Address:- S.NO.135/1, DALVI WADI, NEAR NANDED PHATA, SINHAGAD ROAD, DHAIRI, PUNE-411041, INDIA.
Email ID:- biomarklabs@gmail.com / biomarkmktg@gmail.com, **Website:-** www.biomarklabs.com.

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