

# BIOMARK LABORATORIES, INDIA

## CERTIFICATE OF ANALYSIS

**PRODUCT :** Miu medium base

**PRODUCT CODE NO.:** B599

### QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Light pink to light orange
APPEARANCE	Homogenous free flowing powder

### QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	6.8+/-0.2
COLOR (post autoclaving/heating)	Light pink to light orange
CLARITY (post autoclaving/heating)	Clear to very slightly opalescent

### QUALITY CONTROL TESTS : MICROBIOLOGICAL

#### CULTURAL RESPONSE:

Cultural characteristics observed with added 40% Urea solution (BF048) after an incubation at 35-37°C for 18-24 hours.

Organism Description	Growth	Indole	Motility	Urease activity
Escherichia coli ATCC 25922	[luxuriant]	[positive reaction, ring at the interface of the medium ]	[positive, growth away from stabline causing turbidity]	[negative reaction, no change]
Klebsiella pneumoniae ATCC 13883	[luxuriant]	[negative reaction, no colour development / cloudy ring]	[negative, growth along the stabline , surrounding medium remains clear]	[weakly positive]
Proteus mirabilis ATCC 25933	[luxuriant]	[negative reaction, no colour development / cloudy ring]	[positive, growth away from stabline causing turbidity]	[positive reaction, cerise colour]
Proteus vulgaris ATCC 13315	[luxuriant]	[positive reaction, ring at the interface of the medium ]	[positive, growth away from stabline causing turbidity]	[positive reaction, cerise colour]
Salmonella typhimurium ATCC 14028	[luxuriant]	[negative reaction, no colour development / cloudy ring]	[positive, growth away from stabline causing turbidity]	[negative reaction, no change]

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.

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