

BIOMARK LABORATORIES, INDIA

CERTIFICATE OF ANALYSIS

PRODUCT: MIU Medium Slant

PRODUCT CODE NO: AS006-10

QUALITY CONTROL: PHYSICAL

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
Colour	Orange
pH	6.8+/-0.2
Appearance	Sterile MIU Medium in disposable slants.
Clarity	Clear to slightly opalescent
Sterility after 48 hrs	Sterile

QUALITY CONTROL TESTS: MICROBIOLOGICAL CULTURAL RESPONSE

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

Organism Description	Inoculum (CFU)	Growth	Indole	Motility	Urease activity
Escherichia coli ATCC 25922	[50-100]	[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	[50-100]	[luxuriant]	[negative reaction, no colour development / cloudy ring]	[negative, growth along the stabline , surrounding medium remains clear]	[weakly positive]
Proteus vulgaris ATCC 13315	[50-100]	[luxuriant]	[positive reaction, ring at the interface of the medium]	[positive, growth away from stab line causing turbidity]	[positive reaction, cerise colour]
Salmonella Typhimurium ATCC 14028	[50-100]	[luxuriant]	[negative reaction, no colour development / cloudy ring]	[positive, growth away from stabline causing turbidity]	[negative reaction, no change]
Proteus mirabilis ATCC 25933	[50-100]	[luxuriant]	[negative reaction, no colour development / cloudy ring]	[positive, growth away from stabline causing turbidity]	[positive reaction, cerise colour]

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.

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

Rev: January 2026