

# BIOMARK LABORATORIES, INDIA

## CERTIFICATE OF ANALYSIS

**PRODUCT :** Arginine dihydrolase broth

**PRODUCT CODE NO.:** B840

### QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Light yellow to grey
APPEARANCE	Homogenous free flowing powder

### QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	6.0+/-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 18-24 hours.

Organism Description	Inoculum (CFU)	Growth	Motility	Arginine dihydrolase
Enterobacter aerogenes ATCC 13048	[50-100]	[luxuriant]	[positive, growth away from stabline causing turbidity]	[negative reaction, yellow colour or no colour change]
Klebsiella pneumoniae ATCC 13883	[50-100]	[luxuriant]	[negative, growth along the stabline, surrounding medium remains clear]	[negative reaction, yellow colour or no colour change]
Proteus vulgaris ATCC 13315	[50-100]	[luxuriant]	[positive, growth away from stabline causing turbidity]	[negative reaction, yellow colour or no colour change]
Salmonella typhi ATCC 6539	[50-100]	[luxuriant]	[positive, growth away from stabline causing turbidity]	[positive reaction, purple colour]
Salmonella typhimurium ATCC 14028	[50-100]	[luxuriant]	[positive, growth away from stabline causing turbidity]	[positive reaction, purple colour]
Enterobacter sakazaki ATCC 12868	[50-100]	[luxuriant]	[positive, growth away from stabline causing turbidity]	[positive reaction, purple 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 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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