

CERTIFICATE OF ANALYSIS

PRODUCT : Arginine dihydrolase broth

PRODUCT CODE NO.:B840

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

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

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES	
pH(post autoclaving/heating)	7.2+/-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

