

CERTIFICATE OF ANALYSIS

REPORT NO.:	
PRODUCT :	Lysine decarboxylase broth
PRODUCT CODE NO.:	B231

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Grayish cream
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)	Purple
CLARITY (post autoclaving/heating)	clear solution

QUALITY CONTROL TESTS : MICROBIOLOGICAL CULTURAL RESPONSE:

Cultural characteristics observed after an incubation at 35-37°C for 18-24 hours.(Inoculated tubes are overlaid with sterile mineral oil).

Organism Description	Inoculum (CFU)	Lysine decarboxylation
Citrobacter freundii ATCC 8090	[50 - 100]	[variable reaction]
Escherichia coli ATCC25922	[50 - 100]	[variable reaction]
Enterobacter aerogenes ATCC 13048	[50 - 100]	[Positive reaction, purple colour]
Klebsiella pneumoniae ATCC 13883	[50 - 100]	[Positive reaction, purple colour]
Proteus mirabilis ATCC 25933	[50 - 100]	[Negative reaction, yellow colour]
Proteus vulgaris ATCC 13315	[50 - 100]	[Negative reaction, yellow colour]
Salmonella Arizonae ATCC 13314	[50 - 100]	[Positive reaction, purple colour]
Salmonella Paratyphi A ATCC 9150	[50 - 100]	[Negative reaction, yellow colour]
Salmonella Typhi ATCC 6539	[50 - 100]	[Positive reaction, purple colour]
Serratia marcescens ATCC 8100	[50 - 100]	[Positive reaction, purple colour]
Shigella dysenteriae ATCC 13313	[50 - 100]	[Negative reaction, yellow 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.

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