

CERTIFICATE OF ANALYSIS

PRODUCT :	Phenol red mannitol broth
PRODUCT CODE NO.:	B293

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

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

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	7.4+/-0.2
COLOR (post autoclaving/heating)	Red to orange red
CLARITY (post autoclaving/heating)	Clear

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	Acid	Gas
Citrobacter freundii ATCC 8090	[50 - 100]	[Luxuriant]	[Positive reaction,yellow colour]	[Positive reaction]
Escherichia coli ATCC 25922	[50 - 100]	[Luxuriant]	[Positive reaction,yellow colour]	[Positive reaction]
Enterobacter aerogenes ATCC 13048	[50 - 100]	[Luxuriant]	[Positive reaction,yellow colour]	[Positive reaction]
Klebsiella pneumoniae ATCC 13883	[50 - 100]	[Luxuriant]	[Positive reaction,yellow colour]	[Positive reaction]
Proteus vulgaris ATCC 13315	[50 - 100]	[Luxuriant]	[Negative reaction,no colour change]	[Negative reaction]
Salmonella Typhi ATCC 6539	[50 - 100]	[Luxuriant]	[Positive reaction,yellow colour]	[Negative reaction]
Salmonella Typhimurium ATCC 14028	[50 - 100]	[Luxuriant]	[Positive reaction,yellow colour]	[Positive reaction]
Serratia marcescens ATCC 8100	[50 - 100]	[Luxuriant]	[Positive reaction,yellow colour]	[Negative reaction]
Shigella flexneri ATCC 12022	[50 - 100]	[Luxuriant]	[Positive reaction,yellow colour]	[Negative reaction]

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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