

CERTIFICATE OF ANALYSIS

REPORT NO.:	
PRODUCT :	Phenol red dextrose broth
PRODUCT CODE NO.:	B286

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	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 solution

QUALITY CONTROL TESTS : MICROBIOLOGICAL CULTURAL RESPONSE:

Cultural characteristics observed after an incubation at 35-37°C for 18-24 hours (longer if necessary).

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 ATCC13048	[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]	[Positive reaction, Yellow Colour]	[Positive reaction]
Salmonella Typhi ATCC 6539	[50-100]	[Luxuriant]	[Positive reaction, Yellow Colour]	[Positive 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]	[Positive reaction]
Shigella flexneri ATCC 12022	[50-100]	[Luxuriant]	[Positive reaction, Yellow Colour]	[Positive 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.

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: December 2023