

CERTIFICATE OF ANALYSIS

PRODUCT :	Phenol red agar base
PRODUCT CODE NO.:	B283

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 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	without carbohydrate (Acid)	without carbohydrate (Gas)	with dextrose (Acid)	with dextrose (gas)
Alcaligenes faecalis ATCC 8750	[50 -100]	[Luxuriant]	[Negative reaction, no colour change]	[Negative reaction]	[Negative reaction, no colour change]	[Negative reaction]
Escherichia coli ATCC 25922	[50 -100]	[Luxuriant]	[Negative reaction, no colour change]	[Negative reaction]	[Positive reaction, Yellow colour]	[Positive reaction]
Klebsiella pneumoniae ATCC 13883	[50 -100]	[Luxuriant]	[Negative reaction, no colour change]	[Negative reaction]	[Positive reaction, Yellow colour]	[Positive reaction]
Proteus vulgaris ATCC 13315	[50 -100]	[Luxuriant]	[Negative reaction, no colour change]	[Negative reaction]	[Positive reaction, Yellow colour]	[Positive reaction]
Salmonella Typhimurium ATCC 14028	[50 -100]	[Luxuriant]	[Negative reaction, no colour change]	[Negative reaction]	[Positive reaction, Yellow colour]	[Positive reaction]
Shigella flexneri ATCC 12022	[50 -100]	[Luxuriant]	[Negative reaction, no colour change]	[Negative reaction]	[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.

This document has been produced electronically and is valid.

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