

**CERTIFICATE OF ANALYSIS**

**PRODUCT :** Phenylalanine agar

**PRODUCT CODE NO.:** B683

**QUALITY CONTROL TESTS : DEHYDRATED MEDIUM**

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

**QUALITY CONTROL TESTS : REHYDRATED MEDIUM**

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	7.3+/-0.2
COLOR (post autoclaving/heating)	Light amber
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 12-16 hours.

Organism Description	Inoculum (CFU)	Growth	Phenylalanine deaminase
Enterobacter aerogenes ATCC 13048	50-100	luxuriant	negative reaction
Escherichia coli ATCC 25922	50-100	luxuriant	negative reaction
Proteus mirabilis ATCC 25933	50-100	luxuriant	positive reaction, green colouration after addition of 10% Ferric chloride%
Proteus vulgaris ATCC 13315	50-100	luxuriant	positive reaction, green colouration after addition of 10% Ferric chloride%
Providencia alkalifaciens ATCC 9886	50-100	luxuriant	positive reaction, green colouration after addition of 10% Ferric chloride%

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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