

# BIOMARK LABORATORIES, INDIA

## CERTIFICATE OF ANALYSIS

**PRODUCT :** Staphylococcus agar no.110 (gelatin mannitol salt agar)

**PRODUCT CODE NO.:** B534

### QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

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

### QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	7.0+/-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 48 hours.

Organism Description	Inoculum (CFU)	Growth	Recovery	Mannitol Fermentation (On addition of BTB)	Pigment production	Gelatinase production(flooding plate w/ standard aqueous solution of ammonium sulphate)
Staphylococcus aureus ATCC 25923	[50-100]	[good-luxuriant]	[>=50%]	[positive reaction]	[positive]	[positive reaction]
Staphylococcus epidermidis ATCC 12228	[50-100]	[good-luxuriant]	[>=50%]	[variable reaction]	[negative]	[positive reaction]
Enterococcus faecalis ATCC 29212	[50-100]	[none-poor]	[<=10%]	[slight reaction]	[negative]	[variable reaction]
Escherichia coli ATCC 25922	[>=10 <sup>3</sup> ]	[inhibited]	[0%]	[-]	[-]	[-]

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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