

CERTIFICATE OF ANALYSIS

PRODUCT : Diagnostic sensitivity test agar (d.s.t. agar)

PRODUCT CODE NO.: B172

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)	7.4+/-0.2
COLOR (post autoclaving/heating)	a) Basal medium-Cream to medium amber. b) After addition of blood-Cherry red
CLARITY (post autoclaving/heating)	Opaque.

QUALITY CONTROL TESTS : MICROBIOLOGICAL CULTURAL RESPONSE:

Cultural characteristics after 18-24 hrs. at 35-37°C.

Organism Description	Inoculum(CFU)	Growth	Recovery
Escherichia coli ATCC25922	50-100	luxuriant	>=70%
Enterococcus faecalis ATCC29212	50-100	>=70%	luxuriant
Micrococcus luteus ATCC10240	50-100	luxuriant	>=70%
Neisseria meningitidis ATCC13090	50-100	luxuriant (with addition of blood)	>=70%
Proteus mirabilis ATCC25933	50-100	luxuriant	>=70%
Salmonella typhi ATCC 6539	50-100	luxuriant	>=70%
Shigella flexneri ATCC12022	50-100	luxuriant	>=70%
Staphylococcus aureus ATCC25923	50-100	luxuriant	>=70%
Streptococcus pneumoniae ATCC6303	50-100	luxuriant (with addition of blood)	>=70%
Streptococcus pyogenes ATCC19615	50-100	luxuriant (with addition of blood)	>=70%

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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