

CERTIFICATE OF ANALYSIS

PRODUCT : Xld agar

PRODUCT CODE NO.: B1404

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
CLARITY (post autoclaving/heating)	Clear to very slightly opalescent/opaque

QUALITY CONTROL TESTS : MICROBIOLOGICAL CULTURAL RESPONSE:

Cultural response was observed after an incubation at 30-35°C for 18-36 hours.

Organism Description	Inoculum (CFU)	Growth	Recovery	Colour of colony
Enterobacter aerogenes ATCC 13048	[50-100]	[fair]	[20 -30%]	[yellow]
Escherichia coli ATCC 25922	[50-100]	[good]	[40-50 %]	[yellow]
Proteus mirabilis ATCC 25933	[50-100]	[good-luxuriant]	[>=50%]	[grey with black centers]
Proteus vulgaris ATCC 13315	[50-100]	[good-luxuriant]	[>=50 %]	[grey with black centers]
Salmonella paratyphi A ATCC9150	[50-100]	[good-luxuriant]	[>=50 %]	[red]
Salmonella paratyphi B ATCC 8759	[50-100]	[good-luxuriant]	[>=50 %]	[red with black centers]
Salmonella enteritidis ATCC 13076	[50-100]	[good-luxuriant]	[>=50 %]	[red with black centers]
Salmonella typhi ATCC 6539	[50-100]	[good-luxuriant]	[>=50%]	[red with black centers]
Salmonella typhimurium ATCC 14028	[50-100]	[good-luxuriant]	[>=50%]	[red with black centers]

Shigella dysenteriae ATCC 13313	[50-100]	[good-luxuriant]	[>=50 %]	[red]
Shigella sonnei ATCC 25931	[50-100]	[good-luxuriant]	[>=50%]	[red]
Staphylococcus aureus ATCC25923	[>=10 ³]	[inhibited]	[0%]	[-]
Staphylococcus aureus ATCC 6538	[>=10 ³]	[inhibited]	[0%]	[-]
Staphylococcus aureus NCIMB 9518	[>=10 ³]	[inhibited]	[0%]	[-]
Escherichia coli NCTC9002	[50-100]	[good]	[30-40%]	[yellow]
Escherichia coli ATCC 8739	[50-100]	[good]	[30-40 %]	[yellow]
Shigella flexneri ATCC12022	[50-100]	[good-luxuriant]	[>=50%]	[red]

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 particulars use, other than that specified in the current Biomark literature. The results reported were obtained at the time of release.

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