

BIOMARK LABORATORIES, INDIA

CERTIFICATE OF ANALYSIS

PRODUCT : Xld agar

PRODUCT CODE NO.: B1313

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

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural response was observed after an incubation at 35-37°C for 18-36hours. Recovery rate is considered as 100% for bacteria growth on Soyabean Casein Digest Agar.

Organism Description	Inoculum (CFU)	Growth	Recovery	Colour Of Colony
Salmonella Typhimurium ATCC 14028	[50 -100]	[Luxuriant]	[>=50 %]	[Red with black centres]
Salmonella Abony NCTC 6017	[50 -100]	[Good-luxuriant]	[>=50 %]	[Red with black centres]
Escherichia coli ATCC 8739	[50 -100]	[Fair]	[20 -30 %]	[Yellow]
Escherichia coli ATCC 25922	[50 -100]	[Fair]	[20 -30 %]	[Yellow]
Escherichia coli NCTC 9002	[50 -100]	[Fair]	[20 -30 %]	[Yellow]
Proteus vulgaris ATCC 13315	[50 -100]	[Good - Luxuriant]	[>=50 %]	[Grey with black centres]
Salmonella Paratyphi A ATCC9150	[50 -100]	[Good - Luxuriant]	[>=50 %]	[Red]
Salmonella Paratyphi B ATCC 8759	[50 -100]	[Good - Luxuriant]	[>=50 %]	[Red with black centres]

Salmonella Enteritidis ATCC 13076	[50 -100]	[Good - Luxuriant]	[>=50 %]	[Red with black centrs]
Salmonella Typhi ATCC 6539	[50 -100]	[Good - Luxuriant]	[>=50 %]	[Red with black centrs]
Shigella dysenteriae ATCC 13313	[50 -100]	[Good - Luxuriant]	[>=50 %]	[Red]
Shigella flexneri ATCC 12022	[50 -100]	[fair-good]	[30 -40 %]	[Red]
Shigella sonnei ATCC 25931	[50 -100]	[fair-good]	[30 -40 %]	[Red]
Klebsiella aerogenes ATCC13048	[50 -100]	[fair]	[20 -30 %]	[Yellow]
Enterobacter cloacae ATCC 13047	[50 -100]	[fair]	[20 -30 %]	[Yellow]
Staphylococcus aureus ATCC 25923	[>=104]	[Inhibited]	[0%]	[-]
Staphylococcus aureus ATCC 6538	[>=104]	[Inhibited]	[0%]	[-]
Enterococcus faecalis ATCC 29212	[>=104]	[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 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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