

**CERTIFICATE OF ANALYSIS**

**PRODUCT :** Xylose lysine deoxycholate agar (xld agar)

**PRODUCT CODE NO.:** B361

**QUALITY CONTROL TESTS : DEHYDRATED MEDIUM**

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	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 slightly opalescent

**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
Staphylococcus aureus ATCC25923	>=10 <sup>3</sup>	inhibited	0%	-
Staphylococcus aureus ATCC 6538	>=10 <sup>3</sup>	inhibited	0%	-
Staphylococcus aureus NCIMB 9518	>=10 <sup>3</sup>	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
Shigella sonnei ATCC 25931	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 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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