

## CERTIFICATE OF ANALYSIS

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

**PRODUCT CODE NO.:** PP034-50

## QUALITY CONTROL: PHYSICAL

PARAMETERS	SPECIFICATIONS/ STANDARD VALUES
Colour	Red
Appearance	Sterile Xylose Lysine Deoxycholate Agar in 90X15mm disposable plates.
Clarity	Slightly opalescent
Sterility after 48 hrs	Sterile

## QUALITY CONTROL TESTS: MICROBIOLOGICAL

## CULTURAL RESPONSE:

Cultural characteristics observed after (18-48) hours at (35-37)oC.

Orgm Desc	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 <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	

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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