

## CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

**PRODUCT :** XLD agar as per B.P.

**PRODUCT CODE NO.:** BH819

## 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 30-35°C for 18-24 hours.

Organism Description	Inoculum (CFU)	Growth	Recovery	Colour of colony	Observation
Enterobacter aerogenes ATCC 13048	[50-100]	[fair]	[20 -30%]	[yellow]	
Escherichia coli ATCC 25922	[50-100]	[fair]	[20 -30 %]	[yellow]	
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 ATCC 8739	[50-100]	[fair]	[20 -30 %]	[yellow]	
Shigella flexneri ATCC12022	[50-100]	[good-luxuriant]	[>=50%]	[grey with black centers]	
Proteus mirabilis ATCC 25933	[50-100]	[goodluxuriant]	[>=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]	[goodluxuriant]	[>=50 %]	[red with black centers]
Salmonella typhi ATCC 6539	[50-100]	[goodluxuriant]	[>=50%]	[red with black centers]
Salmonella typhimurium ATCC 14028	[50-100]	[good-luxuriant]	[>=50%]	[red with black centers]
Shigella dysenteriae ATCC 13313	[50-100]	[goodluxuriant]	[>=50 %]	[red]
Shigella sonnei ATCC 25931	[50-100]	[good-luxuriant]	[>=50%]	[red]
Escherichia coli NCTC9002	[50-100]	[fair]	[20-30%]	[yellow]