

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

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]