

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

PRODUCT :	Xld agar
PRODUCT CODE NO.:	B1313

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 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 centres]

Salmonella Typhi ATCC 6539	[50 -100]	[Good - Luxuriant]	[>=50 %]	[Red with black centres]
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%]	[-]