

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

PRODUCT : Bile esculin agar

PRODUCT CODE NO.: B1479

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Light yellow to Brownish yellow
APPEARANCE	Homogenous free flowing powder

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	6.6+/-0.2
COLOR (post autoclaving/heating)	Yellow to amber
CLARITY (post autoclaving/heating)	clear to slightly opalescent gel

QUALITY CONTROL TESTS : MICROBIOLOGICAL
CULTURAL RESPONSE:

Cultural characteristics observed after 18 –24 hrs at 35-37°C.

Organism Description	Inoculum (CFU)	Growth	Recovery	Esculin hydrolysis
Enterococcus faecalis ATCC 29212	[50 - 100]	[Good-Luxuriant]	[>=50%]	[Positive reaction, blackening of medium]
Streptococcus faecium ATCC 8482	[50 - 100]	[Good-Luxuriant]	[>=50%]	[Positive reaction, blackening of medium]
Yersinia enterocolitica ATCC 27729	[50 - 100]	[Good-Luxuriant]	[>=50%]	[Positive reaction, blackening of medium]
Escherichia coli ATCC 25922	[50 - 100]	[Good]	[40 - 50%]	[Negative reaction]