

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

PRODUCT : M-fc agar base
PRODUCT CODE NO.: B871

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES	
COLOR	Cream to yellow	
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)	Orange with addition of rosolic acid	
CLARITY (post autoclaving/heating)	Clear to slightly opalescent	

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed after incubation at different temperatures for 22 –24 hrs after addition of 1% Rosolic acid .

Organism Description	INOCULUM(CFU)	Growth at 35-37°C	Growth at 45.5 °C	Colour of colony (on membrane filter)	
Enterococcus faecalis (29212)	>=10 ³	inhibited	inhibited	-	
Escherichia coli (25922)	50-100	luxuriant	luxuriant	light blue	
Salmonella typhimurium (14028)	50-100	luxuriant	inhibited	pinkish	
Shigella flexneri (12022)	50-100	luxuriant	inhibited	pinkish	