

CERTIFICATE OF ANALYSIS

PRODUCT :	Bile esculin azide agar
PRODUCT CODE NO.:	B425

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

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

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES	
pH(post autoclaving/heating)	7.1+/-0.2	
COLOR (post autoclaving/heating)	Light to medium amber	
CLARITY (post autoclaving/heating)	Clear to slightly opalescent	

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed after an incubation at 35-37° C for 18-24 hours.

Organism Description	Inoculum (CFU)	Growth	Recovery	Esculin hydrolysis	
Enterococcus faecalis ATCC 29212	50-100	luxuriant	>=50%	positive reaction, blackening of medium around the colony	
Escherichia coli ATCC 25922	>=10 ³	inhibited	0%	-	
Staphylococcus aureus ATCC 25923	50-100	good	40-50%	negative reaction	
Proteus mirabilis ATCC 25933	50-100	good	40-50%	negative reaction	
Streptococcus pyogenes ATCC 19615	50-100	none-poor	<=10%	negative reaction	