

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

PRODUCT : Coagulase mannitol agar base

PRODUCT CODE NO.: B470

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES	
COLOR	Light grey	
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)	Purple	
CLARITY (post autoclaving/heating)	Clear to slightly opalescent	

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed with added 7-15% v/v sterile pretested , rabbit plasma at 35-37°C for 18-48 hours.

Organism Description	Inoculum(CFU)	Growth	Coagulase activity	Recovery	Mannitol fermentation	
Staphylococcus aureus ATCC 25923	50-100	luxuriant	positive reaction, colonies surrounded by opaque zone	>=70%	positive reaction, yellow coloured zone around the colony	
Staphylococcus epidermidis ATCC 12228	50-100	luxuriant	negative reaction, no opaque zone formation	>=70%	negative reaction, no change in colour	

