

Specimen Collection and Handling

)RU IRRG DQG GDLU\ VDP SOHV IROORZ DSSURSULDWH WHFKQLTXHV IRU VDPSO
)RU ZDWHU VDP SOHV IROORZ DSSURSULDWH WHFKQLTXHV IRU VDPSOH FROOH
 gufs vtf dpoubn obufe nbufs bmv tu cf tufs m fe c bvupdmbwcbpsf e tdbse oh/

Quality Control

Appearance

Cream to brownish yellow homogeneous free flowing powder

Gelling

Firm, comparable with 1.5% Agar gel

Colour and Clarity of prepared medium

Amber coloured, clear to slightly opalescent solution with a bluish tinge forms in Petri plates or in tubes as slants.

Reaction

Reaction of 6.35% w/v aqueous solution at 25°C. pH : 6.6±0.2

pH

6.40-6.80

Cultural Response

Cultural characteristics observed with added Esculin (FD050) in an increased atmosphere of Carbon dioxide, after an incubation at 35-37°C for 18-24 hours .

Organism	Inoculum (CFU)	Growth	Recovery	Esculin Hydrolysis
<i>Enterococcus faecalis</i> ATCC 50-100 29212		luxuriant	≥50%	positive reaction, blackening of medium around the colony
<i>Proteus mirabilis</i> ATCC 25933	50-100	luxuriant	≥50%	negative reaction
<i>Streptococcus pyogenes</i> ATCC 19615	50-100	none-poor	≤10%	negative reaction

