

**Certificate of Analysis**

**PRODUCT :** Kligler iron agar

**PRODUCT CODE NO.:**B212

**QUALITY CONTROL TESTS : DEHYDRATED MEDIUM**

PARAMETERS	STANDARD VALUES	
COLOR	Pinkish cream to light cream	
APPEARANCE	Homogenous free flowing powder	

**QUALITY CONTROL TESTS : REHYDRATED MEDIUM**

PARAMETERS	STANDARD VALUES	
pH(post autoclaving/heating)	7.4+/-0.2	
COLOR (post autoclaving/heating)	Reddish orange to Red	
CLARITY (post autoclaving/heating)	Clear to slightly opalescent	

**QUALITY CONTROL TESTS : MICROBIOLOGICAL**

**CULTURAL RESPONSE:**

Cultural characteristics observed after 24-48 hrs at 35-37°C.

Organism Description	INOCULUM(C FU)	GROWTH	SLANT	BUTT	GAS	H2S	
Citrobacter freundii(8090 )	50-100	luxuriant	acidic reaction,yellowing of the medium	acidic reaction,yellowing of the medium	positive reaction	positive reaction, blackening of medium	
Escherichia coli (25922)	50-100	luxuriant	acidic reaction,yellowing of the medium	acidic reaction,yellowing of the medium	positive reaction	negative reaction,no blackening of medium	
Enterobacter aerogenes (13048)							
Klebsiella pneumoniae (13883 )	50-100	luxuriant	acidic reaction,yellowing of the medium	acidic reaction,yellowing of the medium	positive reaction	negative reaction,no blackening of medium	
Proteus vulgaris (13315 )	50-100	luxuriant	alkaline reaction, red colour of the medium	acidic reaction,yellowing of the medium	negative reaction	positive reaction, blackening of medium	

Sasimonella paratyphi A (9150)	50-100	luxuriant	alkaline reaction, red colour of the medium	acidic reaction,yello wing of the medium	positive reaction	negative reaction,no blackening of medium
Salmonella schottmuelleri (10719)	50-100	luxuriant	alkaline reaction, red colour of the medium	acidic reaction,yello wing of the medium	positive reaction	positive reaction, blackening of medium
Salmonella typhi ( 6539 )	50-100	luxuriant	alkaline reaction, red colour of the medium	acidic reaction,yello wing of the medium	negative reaction	positive reaction, blackening of medium
Salmonella enteritidis (13076 )	50-100	luxuriant	alkaline reaction, red colour of the medium	acidic reaction,yello wing of the medium	positive reaction	positive reaction, blackening of medium
Shigella flexneri (12022)	50-100	luxuriant	alkaline reaction, red colour of the medium	acidic reaction,yello wing of the medium	negative reaction	negative reaction,no blackening of medium
Pseudomonas aeruginosa (27853)	50-100	luxuriant	alkaline reaction, red colour of the medium	alkaline reaction, red colour of the medium	negative reaction	negative reaction,no blackening of medium
Yersinia enterocolitica (27729)	50-100	luxuriant	alkaline reaction, red colour of the medium	acidic reaction,yello wing of the medium	variable reaction	negative reaction,no blackening of medium
Enterobacter cloacae (13047)	50-100	luxuriant	acidic reaction,yellowing of the medium	acidic reaction,yello wing of the medium	positive reaction	negative reaction,no blackening of medium

This is to certify that this lot passes and it confirms to the above-mentioned tests and specifications. The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particular use, other than that specified in the current Biomark literature. The results reported were obtained at the time of release.

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