

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

PRODUCT :	Kligler iron agar,modified
PRODUCT CODE NO.:	B1088

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Light pink to light reddish pink
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)	Reddish orange to Red
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 18-48 hours.

Organism Description	Inoculum (CFU)	Growth	Slant	Butt	Gas	H2S
Escherichia coli ATCC 25922	50 -100	Luxuriant	acidic reaction,yellowing of medium	acidic reaction,yellowing of medium	positive reaction	Negative reaction no blackening of the medium
Enterobacter cloacae ATCC 13047	50-100	Luxuriant	acidic reaction,yellowing of medium	acidic reaction,yellowing of medium	Positive reaction	Negative reaction no blackening of the medium
Klebsiella pneumoniae ATCC 13883	50-100	Luxuriant	alkaline reaction red colour of the medium	acidic reaction,yellowing of medium	Positive reaction	Negative reaction no blackening of the medium
Proteus vulgaris ATCC 6380	50-100	Luxuriant	alkaline reaction red colour of the medium	acidic reaction,yellowing of medium	negative reaction	positive reaction blackening of the medium
Pseudomonas aeruginosa ATCC 27853	50-100	Luxuriant	alkaline reaction red colour of the medium	acidic reaction,yellowing of medium	negative reaction	negative reaction,no blackening of the medium
Salmonella Typhi ATCC 6539	50-100	Luxuriant	alkaline reaction red colour of the medium	acidic reaction,yellowing of medium	negative reaction	positive reaction blackening of the medium
Salmonella Enteritidis ATCC 13076	50-100	Luxuriant	alkaline reaction red colour of the medium	acidic reaction,yellowing of medium	positive reaction	positive reaction blackening of the medium

Shigella flexneri ATCC 12022	50-100	Luxuriant	alkaline reaction red colour of the medium	acidic reaction,yellow wing of medium	negative reaction	negative reaction,no blackening of the medium
Yersinia enterocolitica ATCC 27729	50-100	Luxuriant	alkaline reaction red colour of the medium	acidic reaction,yellow wing of medium	Variable reaction	negative reaction,no blackening of the medium
Enterobacter aerogenes ATCC13048	50-100	Luxuriant	acidic reaction,yellowing of medium	acidic reaction,yellow wing of medium	Positive reaction	negative reaction,no blackening of the medium
Citrobacter freundii ATCC 8090	50-100	Luxuriant	acidic reaction,yellowing of medium	acidic reaction,yellow wing of medium	positive reaction	positive reaction blackening of the medium
Salmonella Paratyphi ATCC9150	50-100	Luxuriant	alkaline reaction red colour of the medium	acidic reaction,yellow wing of medium	positive reaction	negative reaction,no blackening of the medium
Salmonella Schottmuelleri ATCC10719	50-100	Luxuriant	alkaline reaction red colour of the medium	acidic reaction,yellow wing of medium	positive reaction	positive reaction blackening of the medium