

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

PRODUCT :	Acetate differential agar
PRODUCT CODE NO.:	B913

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Yellow to greenish yellow
APPEARANCE	Homogenous free flowing powder

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	6.7+/-0.2
COLOR (post autoclaving/heating)	Emerald green
CLARITY (post autoclaving/heating)	Clear to slightly opalescent

QUALITY CONTROL TESTS : MICROBIOLOGICAL CULTURAL RESPONSE:

Cultural characteristics observed after an incubation at 25-30°C for upto 1-7 days.

Organism Description	Inoculum (CFU)	Growth	Acetate utilization
Enterobacter cloacae ATCC 23355	[50-100]	[good-luxuriant]	[positive reaction, blue colour]
Proteus vulgaris ATCC 13315	[>=10 ³]	[inhibited]	[-]
Citrobacter freundii ATCC 8090	[50-100]	[good-luxuriant]	[positive reaction, blue colour]
Escherichia coli ATCC 25922	[50-100]	[good-luxuriant]	[positive reaction, blue colour]
Klebsiella pneumoniae ATCC 13883	[50-100]	[good-luxuriant]	[positive reaction, blue colour]
Salmonella arizonae ATCC 13314	[50-100]	[good-luxuriant]	[positive reaction, blue colour]
Salmonella typhi ATCC 19430	[50-100]	[poor]	[negative reaction, green colour]
Shigella sonnei ATCC 25931	[50-100]	[none-poor]	[negative reaction, no change, medium remains green]