

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

PRODUCT : Endo agar base

PRODUCT CODE NO.:B515

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	STANDARD VALUES	
COLOR	Cream	
APPEARANCE	Homogenous free flowing powder	

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	STANDARD VALUES	
pH(post autoclaving/heating)	7.5+/-0.2	
COLOR (post autoclaving/heating)	Orangish pink after addition of basic fuchsin	
CLARITY (post autoclaving/heating)	clear to slightly opalescent with fine precipitate	

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed with added Basic Fuchsin (BF 052)after an incubation for 18 –24 hrs at 35-37°C

Organism Description	Inoculum(CFU)	Growth	Recovery	Colour of colony	
Bacillus subtilis ATCC6633	$\geq 10^3$	inhibited	0%	-	
Enterobacter aerogenes ATCC13048	50-100	good-luxuriant	$\geq 50\%$	pink	
Enterococcus faecalis ATCC 29212	50-100	none-poor	$\leq 10\%$	pink,small	
Escherichia coli ATCC 25922	50-100	good-luxuriant	$\geq 50\%$	pink to rose red with metallic sheen	
Klebsiella pneumoniae ATCC13883	50-100	good-luxuriant	$\geq 50\%$	pink, mucoid	
Proteus vulgaris ATCC 13315	50-100	good-luxuriant	$\geq 50\%$	colourless to pale pink	
Pseudomonas aeruginosa ATCC 27853	50-100	good-luxuriant	$\geq 50\%$	colourless, irregular	
Salmonella typhi ATCC6539	50-100	good-luxuriant	$\geq 50\%$	colourless to pale pink	

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Shigella sonnei ATCC 25931	50-100	good-luxuriant	>=50%	colourless to pale pink
Staphylococcus aureus ATCC 25923	>=10 ³	inhibited	0%	-
Enterobacter cloacae ATCC 13047	50-100	good	40-50%	pink
Salmonella typhimurium ATCC14028	50-100	good-luxuriant	>=50%	colourless
Salmonella enteritidis ATCC 13076	50-100	good-luxuriant	>=50%	colourless
Shigella flexneri ATCC 12022	50-100	good-luxuriant	>=50%	colourless