

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

PRODUCT : Muller kauffman tetrathionate novobiocin broth

PRODUCT CODE NO.:B1403

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES	
COLOR	Light green	
APPEARANCE	Homogenous free flowing powder	

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES	
pH(post autoclaving/heating)	8.2+/-0.2	
COLOR (post autoclaving/heating)	Pale yellowish green	
CLARITY (post autoclaving/heating)	Opalescent with heavy white precipitate	

QUALITY CONTROL TESTS : MICROBIOLOGICAL CULTURAL RESPONSE:

Cultural characteristics observed after an incubation at 43°C for 18-48 hours with added 20ml iodine solution & MKTT Novobiocin Supplement (BF141), when subcultured on Soyabean Casein Digest Agar (B039)

Organism Description	Inoculum(CFU)	Recovery	
Escheritia coli ATCC 25922	50-100	none-poor	
Proteus vulgaris ATCC 13315	50-100	none-poor	
Shigella flexneri ATCC 12022	>=10 ³	inhibited	
Salmonella Enteritidis ATCC 13076	50-100	excellent	
Salmonella paratyphi A ATCC 9150	50-100	excellent	
Salmonella paratyphi B ATCC 8759	50-100	excellent	
Salmonella Typhi ATCC 6539	>=10 ³	inhibited	
Salmonella Typhimurium ATCC 14028	50-100	excellent	