

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

PRODUCT : Muller kauffman tetrathionate novobiocin broth base

PRODUCT CODE NO.: B1338

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
COLOR	Cream
APPEARANCE	Homogenous free flowing powder

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	8.0+/-0.2
COLOR (post autoclaving/heating)	Bluish green
CLARITY (post autoclaving/heating)	Opalescent with 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 and MKTT Novobiocin Supplement (BF141), when subcultured on Soyabean Casein Digest Agar (B039).

Organism Description	Inoculum	Recovery
Escherichia coli ATCC 25922	50-100	none-poor
Proteus vulgaris ATCC 13315	50-100	none-poor
Shigella flexneri ATCC 12022	$\geq 10^3$	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	$\geq 10^3$	inhibited
Salmonella Typhimurium ATCC 14028	50-100	Excellent