

**CERTIFICATE OF ANALYSIS**

QA/F/01 Rev no. 03

<b>PRODUCT :</b>	Tergitol-7 agar base
<b>PRODUCT CODE NO.:</b>	B771

**QUALITY CONTROL TESTS : DEHYDRATED MEDIUM**

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
<b>COLOR</b>	Light to medium yellow
<b>APPEARANCE</b>	Homogenous free flowing powder

**QUALITY CONTROL TESTS : REHYDRATED MEDIUM**

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH (post autoclaving/heating)	6.9+/-0.2
COLOR (post autoclaving/heating)	Green
CLARITY (post autoclaving/heating)	Clear to slightly opalescent

**QUALITY CONTROL TESTS: MICROBIOLOGICAL CULTURAL RESPONSE:**

Cultural characteristics observed after an incubation at 35-37°C after 18-48 hours with added TTC solution 1% (BF044)

Organism Description	Inoculum (CFU)	Growth	Recovery	Colour of colony/ medium
Enterobacter aerogenes ATCC13048	50-100	luxuriant	>=50%	Reddish brown
Escherichia coli ATCC 25922	50-100	good-luxuriant	>=50%	Yellow with red centre
Proteus mirabilis ATCC 25933	50-100	good	40-50 %	Red with bluish zone
Pseudomonas aeruginosa ATCC 27853	50-100	good	40-50 %	Red with bluish zone
Salmonella typhimurium ATCC 14028	50-100	luxuriant	>=50%	Red with bluish zone
Staphylococcus aureus ATCC25923	50-100	inhibited	0%	-
Shigella flexneri ATCC 12022	50-100	good-luxuriant	>=50%	Red with bluish zone