

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

REPORT NO.:	
PRODUCT :	Simmons citrate agar
PRODUCT CODE NO.:	BW319

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

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

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	6.8+/-0.2
COLOR (post autoclaving/heating)	Green to forest 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 for 18-24 hours.

Organism Description	Inoculum (CFU)	Growth	Colour Of Medium	Citrate Utilization
Enterobacter aerogenes ATCC 13048	[50-100]	[Good - Luxuriant]	[Blue]	[Positive]
Salmonella enteritidis ATCC 13076	[50-100]	[Good - Luxuriant]	[Blue]	[Positive]
Salmonella typhimurium ATCC 14028	[50-100]	[Good - Luxuriant]	[Blue]	[Positive]
Salmonella typhi ATCC 6539	[50-100]	[Fair-Good]	[Green]	[Negative]
Escherichia coli ATCC 25922	[>=10 ³]	[Inhibited]	[Green]	[Negative]
Shigella dysenteriae ATCC 13313	[>=10 ³]	[Inhibited]	[Green]	[Negative]