BIOMARK LABORATORIES, INDIA

CERTIFICATE OF ANALYSIS

PRODUCT : Bismuth sulphite agar

PRODUCT CODE NO.: B115

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

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

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
pH(post autoclaving/heating)	7.7+/-0.2
COLOR (post autoclaving/heating)	Greenish yellow
CLARITY (post autoclaving/heating)	Opalescent gel with flocculant precipitate

QUALITY CONTROL TESTS : MICROBIOLOGICAL
CULTURAL RESPONSE:
Cultural characteristics observed after an incubation at 35-37°C for 40-48 hours.

Organism Description	Inoculum(CFU)	Growth	Recovery	Colour of Colony
Salmonella Enteritidis ATCC 13076	[50-100]	[Good-luxuriant]	[>=50%]	[black with metallic sheen]
Salmonella Typhimurium ATCC 14028	[50-100]	[Good-luxuriant]	[>=50%]	[black with metallic sheen]
Shigella flexneri ATCC 12022	[50-100]	[none-poor]	[<=10%]	[brown]
Escherichia coli ATCC 8739	[50-100]	[none-poor]	[<=10%]	[brownto green(depends on inoculum density)]
Escherichia coli NCTC 9002	[50-100]	[none-poor]	[<=10%]	[brownto green(depends on inoculum density)]
Enterococcus faecalis(ATCC29212	[>=10^3]	[Inhibited]	[0%]	[-]
Salmonella typhi ATCC 19430	[50-100]	[Good-luxuriant]	[>=50%]	[black with metallic sheen]
Salmonella Abony NCTC 6017	[50-100]	[Good-luxuriant]	[>=50%]	[black with metallic sheen]

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Enterobacter aerogenes ATCC 13048	[50-100]	[None-poor]	[<=10%]	[brownto green(depends on inoculum density)]
Escherichia coli ATCC 25922	[50 -100]	[none-poor]	[<=10%]	[brownto green(depends on inoculum density)]

This is to certify that this lot passes and it confirms to the above-mentioned tests and specifications. The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particulars use, other than that specified in the current Biomark literature. The results reported were obtained at the time of release.

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