

# BIOMARK LABORATORIES, INDIA

## CERTIFICATE OF ANALYSIS

**PRODUCT :** Bismuth sulphite agar

**PRODUCT CODE NO.:** B1147

### 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)	7.6+/-0.2
COLOR (post autoclaving/heating)	Yellow to 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
Enterobacter aerogenes ATCC 13048	[>=10 <sup>3</sup> ]	[None to poor]	[0%]	[-]
Shigella flexneri ATCC 12022	[50-100]	[none-poor]	[<=10%]	[brown]
Escherichia coli ATCC 8739	[50-100]	[none-poor]	[<=10%]	[brown to green(depends on inoculum density)]
Salmonella Abony NCTC 6017	[50-100]	[Good-luxuriant]	[>=50%]	[black with metallic sheen ]
Salmonella Enteritidis ATCC 13076	[50-100]	[Good-luxuriant]	[>=50%]	[black with metallic sheen]
Salmonella typhi ATCC 19430	[50-100]	[Luxuriant]	[>=50%]	[black with metallic sheen ]
Salmonella Typhimurium ATCC 14028	[50-100]	[Good-luxuriant]	[>=50%]	[black with metallic sheen]

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 particular use, other than that specified in the current Biomark literature. The results reported were obtained at the time of release.

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