

CERTIFICATE OF ANALYSIS

PRODUCT :	Bismuth sulphite agar,modified
PRODUCT CODE NO.:	B429

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)	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 the colony
Enterobacter aerogenes ATCC 13048	[50-100]	[none-poor]	[<=10%]	[Brown green (depends on inoculum)]
Enterococcus faecalis ATCC 29212	[>=10 ³]	[Inhibited]	[0%]	[-]
Escherichia coli ATCC 25922	[50-100]	[none-poor]	[<=10%]	[Brown green (depends on inoculum)]
Salmonella Typhi ATCC 19430	[50-100]	[good-luxuriant]	[>=50%]	[Black with metallic sheen]
Salmonella Paratyphi B ATCC 8759	[50-100]	[good-luxuriant]	[>=50%]	[Black with metallic sheen]
Salmonella Enteritidis ATCC 13076	[50-100]	[good-luxuriant]	[>=50%]	[Black with metallic sheen]
Shigella flexneri ATCC 12022	[50-100]	[none-poor]	[<=10%]	[Brown]
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.

This document has been produced electronically and is valid.

Address:- S.NO.135/1, DALVI WADI, NEAR NANDED PHATA, SINHAGAD ROAD, DHAIRI, PUNE-411041, INDIA.
Email ID:- biomarklabs@gmail.com / biomarkmktg@gmail.com, **Website:-** www.biomarklabs.com.

Rev: December 2023