

# BIOMARK LABORATORIES, INDIA

## CERTIFICATE OF ANALYSIS

**PRODUCT :** Muller kauffman tetrathionate novobiocin broth

**PRODUCT CODE NO.:** B1287I

### QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

| PARAMETERS | SPECIFICATIONS/STANDARD VALUES |
|------------|--------------------------------|
| COLOR      | Light green                    |
| APPEARANCE | Homogenous free flowing powder |

### QUALITY CONTROL TESTS : REHYDRATED MEDIUM

| PARAMETERS                         | SPECIFICATIONS/STANDARD VALUES          |
|------------------------------------|---|
| pH(post autoclaving/heating)       | 8.2+/-0.2                               |
| COLOR (post autoclaving/heating)   | Pale yellowish green                    |
| CLARITY (post autoclaving/heating) | Opalescent with heavy white precipitate |

### QUALITY CONTROL TESTS : MICROBIOLOGICAL

#### CULTURAL RESPONSE:

Cultural characteristics observed after an incubation at 43°C for 18-48 hours with added 20ml iodine solution & MKTT Novobiocin Supplement (BF141), when subcultured on Soyabean Casein Digest Agar (B039)

| Organism Description              | Inoculum(CFU)        | Recovery    |
|-----------------------------------|----------------------|-------------|
| Escheritia coli ATCC 25922        | [50-100]             | [none-poor] |
| Proteus vulgaris ATCC 13315       | [50-100]             | [none-poor] |
| Shigella flexneri ATCC 12022      | [>=10 <sup>3</sup> ] | [inhibited] |
| Salmonella Enteritidis ATCC 13076 | [50-100]             | [excellent] |
| Salmonella paratyphi A ATCC 9150  | [50-100]             | [excellent] |
| Salmonella paratyphi B ATCC 8759  | [50-100]             | [excellent] |
| Salmonella Typhi ATCC 6539        | [>=10 <sup>3</sup> ] | [inhibited] |
| Salmonella Typhimurium ATCC 14028 | [50-100]             | [excellent] |

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.

This document has been produced electronically and is valid.

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