

**CERTIFICATE OF ANALYSIS**

QA/F/01 Rev no. 03

|                          |                     |
|--------------------------|---------------------|
| <b>PRODUCT :</b>         | Loffler medium base |
| <b>PRODUCT CODE NO.:</b> | B595                |

**QUALITY CONTROL TESTS : DEHYDRATED MEDIUM**

| PARAMETERS        | SPECIFICATIONS/STANDARD VALUES |
|-------------------|--------------------------------|
| <b>COLOR</b>      | Cream to yellow                |
| <b>APPEARANCE</b> | Homogenous free flowing powder |

**QUALITY CONTROL TESTS : REHYDRATED MEDIUM**

| PARAMETERS                         | SPECIFICATIONS/STANDARD VALUES                                       |
|------------------------------------|--|
| pH(post autoclaving/heating)       | 7.3+/-0.2  |
| COLOR (post autoclaving/heating)   | a)Basal medium -Light amber.b)After addition serum-Opalescent slants |
| CLARITY (post autoclaving/heating) | Opalescent   |

**QUALITY CONTROL TESTS : MICROBIOLOGICAL**

**CULTURAL RESPONSE:**

Cultural characteristics observed with added 750ml horse serum, after an incubation at 35-37°C for 24-48 hours.

| Organism Description                      | Inoculum (CFU) | Growth                                 |
|---|----------------|--|
| Corynebacterium diphtheriae<br>ATCC 11913 | 50-100         | Fair-good                              |
| Pseudomonas aeruginosa<br>ATCC 10145      | 50-100         | good (green colonies with proteolysis) |
| Staphylococcus aureus ATCC<br>25923       | 50-100         | good (yellow to gold colonies).        |