

# Certificate of Analysis

Product EC Blue 100 100mL x 80 tubes ( Code 05593 )

Lot No 234410

Expiry Date 2026 . 9

|                | Specification  | Results |
|----------------|--|---------|
| Appearance     | Light yellow – dark yellow<br>Granulated powder<br>No particular matters | Pass    |
| Loss of drying | Less than 6.0%   | 1 . 1 % |
| Dissolution    | Clear light yellow solution<br>without any foreign insoluble matters     | Pass    |
| pH             | 6.9 ~ 7.3  | 7 . 1   |
| Aseptic Test   | No growth of any bacteria.   | Pass    |

## Evaluation of Performance

### Specification

When following test strains are inoculated to incubate at 37°C for 20 – 24 hours, growth and other developments should be comparable to those of control mediums.

| <u>Test strain</u>                     | <u>Growth</u> | <u>Color development</u> | <u>Fluorescence</u> |
|--|---------------|--------------------------|---------------------|
| <i>Escherichia coli</i> ATCC11775      | +             | +                        | +                   |
| <i>Escherichia coli</i> ATCC8739       | +             | +                        | +                   |
| <i>Enterobacter cloacae</i> ATCC13047  | +             | +                        | -                   |
| <i>Citrobacter freundii</i> ATCC8090   | +             | +                        | -                   |
| <i>Klebsiella pneumoniae</i> ATCC13883 | +             | +                        | -                   |
| <i>Bacillus subtilis</i> ATCC6633      | -             | -                        | -                   |
| <i>Staphylococcus aureus</i> ATCC6538  | -             | -                        | -                   |

Judge: Acceptable quality.

Certificate issue date : 2024 . 11 . 8

Signed (QC Manager)

*Takahisa Ueno*

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