

# Certificate of Analysis

Product EC Blue 100P ( Code 05592 )

Lot No 228308

Expiry Date 2025 . 7

|                | Specification  | Results |
|----------------|--|---------|
| Appearance     | Light yellow to dark yellow granule                                  | Pass    |
| Loss of drying | Less than 6.0%   | 1 . 2 % |
| Dissolution    | Clear light yellow solution<br>without any foreign insoluble matters | Pass    |
| pH             | 6.9 ~ 7.3  | 7 . 2   |
| Aseptic Test   | No growth of any bacteria.   | Pass    |

## Evaluation of Performance Specification

- ① When following test strains are inoculated to incubate at 37°C for 20 – 24 hours, growths and other developments should be observed.

| <u>Test strain</u>                      | <u>Growth</u> | <u>Color development</u> | <u>Fluorescence</u> |
|---|---------------|--------------------------|---------------------|
| <i>Escherichia coli</i> ATCC 11775      | +             | +                        | +                   |
| <i>Escherichia coli</i> ATCC 8739       | +             | +                        | +                   |
| <i>Enterobacter cloacae</i> ATCC 13047  | +             | +                        | -                   |
| <i>Citrobacter freundii</i> ATCC 8090   | +             | +                        | -                   |
| <i>Klebsiella pneumoniae</i> ATCC 13883 | +             | +                        | -                   |

- ② When following test strains are inoculated to incubate at 37°C for 20 – 24 hours, growths should be inhibited.

| <u>Test strain</u>                     |
|--|
| <i>Bacillus subtilis</i> ATCC 6633     |
| <i>Staphylococcus aureus</i> ATCC 6538 |

Judge: Acceptable quality.

Certificate issue date : 2023 . 9 . 1

Signed (QC Manager)



## Shimadzu Diagnostics Corporation

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