

Certificate of Analysis

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

Lot No 23441101

Expiry Date 2026 . 10

| | Specification | Results |
|----------------|--|---------|
| Appearance | Light yellow – dark yellow Granulated powder No particular matters | Pass |
| Loss of drying | Less than 6.0% | 0 . 9 % |
| Dissolution | Clear light yellow solution 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 . 12 . 13

Signed (QC Manager)

Takahisa Ueno

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