

# Certificate of Analysis

Product EC Blue 100P ( Code 05592 )

Lot No 233502

Expiry Date 2027 . 1

	Specification	Results
Appearance	Light yellow to dark yellow granule	Pass
Loss of drying	Less than 6.0%	1 . 2 %
Dissolution	Clear light yellow solution 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 : 2025 . 2 . 27

Signed (QC Manager)

*Takahisa Ueno*

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