

## Certificate of Analysis

### Product Information

<b>Product Name:</b> EZ Cap™ Firefly Luciferase mRNA (5-moUTP)	<b>Report No.:</b> R202603001
<b>Cat. No.:</b> R1013	<b>Batch No.:</b> 26002R1013
<b>Manufacturing Date:</b> Mar 3, 2026	<b>Expiration Date:</b> 2 years
<b>Quality Release Date:</b> Mar 3, 2026	<b>Storage:</b> -40 °C or below

### Molecule Data

<b>Modification</b>	EZ Cap™, 5-Methoxy-UTP, poly A
<b>Buffer</b>	1 mM Sodium Citrate, pH 6.4

### Analytical Data

Test Items	Quality Specification and Method	Result
Appearance	Colorless liquid	Colorless liquid
pH	6.0–7.0	6.7
Purity	≥95% ( Agarose Gel Electrophoresis )	100%
Concentration	1.0-1.4 mg/ml ( UV-Vis Spectrophotometer )	1.1 mg/ml
A 260/280	1.70-2.30 ( UV-Vis Spectrophotometer )	1.79
Bacterial endotoxins	< 10 EU/mg ( Limulus Amebocyte Lysate Assay )	<10 EU/mg
<b>Conclusion</b>	<b>Complies with the given specifications</b>	

 Reporter/date: Jackie Wang / Mar 3, 2026

 Reviewer/date: Eudora Wei / Mar 3, 2026