Certificate of Analysis

Product Information

Product Name: EZ Cap™ Firefly Luciferase mRNA (5-moUTP)	**Report No.: R202611058**
Cat. No.: R1013	**Batch No.: 26004R1013**
Manufacturing Date: Nov 18, 2026	**Expiration Date: 2 years**
Quality Release Date: Nov 20, 2026	**Storage: -40 ℃ or below**

Molecular Data

Modification	EZ Cap™, 5-Methoxy-UTP, poly A
Buffer	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	6.5
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)	1.80
Bacterial endotoxins	< 10 EU/mg (Limulus Amebocyte Lysate Assay)	<10 EU/mg
Conclusion	**Complies with the given specifications**	

Reporter/date: Jackie Wang/Nov 20, 2026 Reviewer/date: Eudora Wei/Nov 20, 2026