

Certificate of Analysis

Product Information

Product Name: EZ Cap™ Cy5 Firefly Luciferase mRNA (5-moUTP)	Report No.: R202609039
Cat. No.: R1010	Batch No.: 26005R1010
Manufacturing Date: Sep 18, 2026	Expiration Date: 2 years
Quality Release Date: Sep 22, 2026	Storage: -40 °C or below

Molecular Data

Modification	EZ Cap™, Cy5-UTP, 5-Methoxy-UTP, poly A
Buffer	1 mM Sodium Citrate, pH 6.4

Analytical Data

Test Items	Quality Specification and Method	Result
Appearance	Blue liquid	Blue liquid
pH	6.0–7.0	6.4
Purity	≥95% (Agarose Gel Electrophoresis)	100%
DOL	≥ 0.50	0.55
Concentration	1.00-1.40 mg/ml (UV-Vis Spectrophotometer)	1.07 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 / Sep 22, 2026
 Reviewer/date: Eudora Wei / Sep 22, 2026