

Certificate of Analysis

Product Information

Product name: EZ Cap™ mCherry mRNA (5mCTP, ψ UTP)	Report No.: R202507002
Cat. No.: R1017	Batch No.: 25001
Manufacture date: Jul 3, 2025	Expiration date: 12 months (Provisional)
Quality Release Date: Jul 4, 2025	Storage: -40 °C or below

Molecule Data

Length	996 nt
Modification	EZ Cap™, Pseudo-UTP, 5-Methyl-CTP, 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	6.6
Purity	$\geq 95\%$ (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)	1.84
Bacterial endotoxins	< 10 EU/mg (Limulus Amebocyte Lysate Assay)	< 10 EU/mg
Conclusion	Complies with the given specifications	

Reporter/date:

Jackie Wang / Jul 04, 2025

Reviewer/date:

Eudora Wei / Jul 04, 2025