

Certificate of Analysis

Product Information

Product name: EGFP saRNA (5mCTP)	Report No.: R202509003
Cat. No.: R3001	Batch No.: 25001
Manufacture date: Sep 18, 2025	Expiration date: 12 months (Provisional)
Quality Release Date: Sep 19, 2025	Storage: -40 °C or below

Molecule Data

Modification	EZ Cap™, poly A, 5-Methyl-CTP
Buffer	10 mM Tris-HCl, 1 mM EDTA, 0.1 M Citrate, pH 6.4

Analytical Data

Test Items	Quality Specification and Method	Result
Appearance	Colorless liquid	Colorless liquid
pH	6.0–7.0	6.9
Purity	≥95% (Agarose Gel Electrophoresis)	100%
Concentration	1.0-1.4 mg/ml (UV-Vis Spectrophotometer)	1.2 mg/ml
A 260/280	1.70-2.30 (UV-Vis Spectrophotometer)	1.90
Bacterial endotoxins	< 10 EU/mg (Limulus Amebocyte Lysate Assay)	< 10 EU/mg
Conclusion	Complies with the given specifications	

Reporter/date: Jackie Wang / Sep 19, 2025

Reviewer/date: Eudora Wei / Sep 19, 2025