# Certificate of Analysis

## Product Information

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|---|---|
| **Product Name: EZ Cap™ Nano Luciferase mRNA (m1Ψ)** | **Report No.: R202610006** |
| **Cat. No.: R1126** | **Batch No.: 26001R1126** |
| **Manufacturing Date: Oct 9, 2026** | **Expiration Date: 2 years** |
| **Quality Release Date: Oct 9, 2026** | **Storage: -40 ℃ or below** |

## Molecular Data

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|---|---|
| **Modification** | EZ Cap™, N1-Methylpseudo-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 ) | 1.2 mg/ml |
| A 260/280 | 1.70-2.30 ( UV-Vis Spectrophotometer ) | 1.98 |
| Bacterial endotoxins | < 10 EU/mg ( Limulus Amebocyte Lysate Assay ) | <10 EU/mg |
| **Conclusion** | **Complies with the given specifications** | |

Reporter/date: Jackie Wang/Oct 9, 2026 Reviewer/date: Eudora Wei/Oct 9, 2026