

Certificate of Analysis

Product Information

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|---|---------------------------------|
| Product Name: EZ Cap™ ZsGreen mRNA (5-moUTP) | Report No.: R202604045 |
| Cat. No.: R1123 | Batch No.: 26001R1123 |
| Manufacturing Date: Feb 17, 2026 | Expiration Date: 2 years |
| Quality Release Date: Feb 28, 2026 | Storage: -40 °C or below |

Molecule Data

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|---------------------|--------------------------------|
| 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 | 6.7 |
| 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) | 1.81 |
| Bacterial endotoxins | < 10 EU/mg (Limulus Amebocyte Lysate Assay) | <10 EU/mg |
| Conclusion | Complies with the given specifications | |

Reporter/date: Jackie Wang / Apr 28, 2026 Reviewer/date: Eudora Wei / Apr 28, 2026