

## Certificate of Analysis

## Product Information

|                                               |                                                 |
|-----------------------------------------------|-------------------------------------------------|
| <b>Product name:</b> Firefly luciferase saRNA | <b>Report No.:</b> R202506011                   |
| <b>Cat. No.:</b> R3002                        | <b>Batch No.:</b> 25001                         |
| <b>Manufacture date:</b> Jun 13, 2025         | <b>Expiration date:</b> 12 months (Provisional) |
| <b>Quality Release Date:</b> Jun 18, 2025     | <b>Storage:</b> -40 °C or below                 |

## Molecule Data

|                        |                             |
|------------------------|-----------------------------|
| <b>Modification</b>    | EZ Cap™, poly A             |
| <b>Analytical Data</b> | 1 mM Sodium Citrate, pH 6.4 |

| 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 )    | 1.0 mg/ml        |
| A 260/280            | 1.70-2.30 ( UV-Vis Spectrophotometer )        | 2.10             |
| Bacterial endotoxins | < 10 EU/mg ( Limulus Amebocyte Lysate Assay ) | < 10 EU/mg       |
| <b>Conclusion</b>    | <b>Complies with the given specifications</b> |                  |

Reporter/date:

Jackie Wang / Jun 18, 2025

Reviewer/date:

Eudora Wei / Jun 18, 2025