

## Certificate of Analysis

### Product Information

|                                                 |                                 |
|-------------------------------------------------|---------------------------------|
| <b>Product Name:</b> EZ Cap™ OVA mRNA (5-moUTP) | <b>Report No.:</b> R202410022   |
| <b>Cat. No.:</b> R1028                          | <b>Batch No.:</b> 15            |
| <b>Manufacturing Date:</b> Oct 29, 2024         | <b>Expiration Date:</b> 2 years |
| <b>Quality Release Date:</b> Oct 30, 2024       | <b>Storage:</b> -40 °C or below |

### Molecule Data

|                     |                                |
|---------------------|--------------------------------|
| <b>Modification</b> | EZ Cap™, 5-Methoxy-UTP, poly A |
| <b>Buffer</b>       | 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 )        | 1.87             |
| 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 Oct 30, 2024

 Reviewer/date: Eudora Wei Oct 30, 2024