

# Certificate of Analysis

**Product Name:** SS-31

**Lot No.:** 26061904

**Salt Type:** Acetate

**Report Date:** 2026-06-20

**Retest Date:** 2026-06-19

| Items                    | Specification                                                                                                             | Results                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Appearance               | White powder or off-white powder                                                                                          | Conforms                                                                              |
| Solubility               | Soluble in water                                                                                                          | Conforms                                                                              |
| Related Substances(HPLC) | Maximum single impurity $\leq$ 1.0%<br>Total impurities $\leq$ 2.0%.                                                      | 0.18%<br>0.76%                                                                        |
| Purity                   | $\geq$ 98.0%                                                                                                              | 99.2%                                                                                 |
| Water Content            | $\leq$ 10.0%                                                                                                              | 5.7%                                                                                  |
| Acetic acid              | $\leq$ 25.0%                                                                                                              | 13.4%                                                                                 |
| Residual solvents        | Methanol: $\leq$ 300ppm<br>Isopropanol: $\leq$ 500ppm<br>Acetonitrile: $\leq$ 410ppm<br>Methylene chloride: $\leq$ 600ppm | Methanol: N.D<br>Isopropanol: N.D<br>Acetonitrile: 287 ppm<br>Methylene chloride: N.D |
| Peptide Content          | $\geq$ 70%                                                                                                                | 80.2%                                                                                 |
| Bacterial endotoxin      | <5EU/mg                                                                                                                   | Conforms                                                                              |

**Storage:** In the air tight container, protected from light at temperature -20 °C

**Notes:** Not for human use, for research purpose only.