

Certificate of Analysis

SS-31

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|-------------|--------------|------------------|--------------|
| CAS No | 736992-21-5 | Code | BIOJSS-31-1G |
| Batch No | 2024082001-1 | Manufacture Date | Sep.04, 2024 |
| Retest Date | Sep.03, 2026 | Quantity | 1G |

| Testing Items | Specifications | Results |
|-----------------------------------|---|---------------------|
| Appearance | White or almost white fluffy powder | White fluffy powder |
| Solubility | Soluble in water | Complies |
| Water content (Karl Fischer) | $\leq 8.0\%$ | 3.2% |
| Acetic Acid (By HPLC) | $\leq 22.0\%$ | 20.0% |
| Trifluoroacetic Acid (By HPLC) | $\leq 0.5\%$ | Not detected |
| Peptide Purity (By HPLC) | $\geq 98.0\%$ | 99.5% |
| Related Substance (By HPLC) | Largest single impurity $\leq 1.0\%$ Total impurities $\leq 2.0\%$ | 0.2% 0.5% |
| Bacterial endotoxin | $\leq 10\text{EU/mg}$ | $<10\text{EU/mg}$ |
| Molecular Weight | ----- | 639.79 |
| Conclusion | This product conforms to In-house standard | |

***Storage: Store at $-20 \pm 5^\circ\text{C}$, Protect from moisture and light.**