

Certificate of Analysis

Product Name : Thymosin α_1 bovine $\geq 90\%$ (HPLC)
Product Number : T340-1MG-P
Batch Number : 00206719
Source Batch : 00206383
CAS Number : 62304-98-7
Storage Temperature : Freezer -20°C
Molecular Formula : C₁₂₉H₂₁₅N₃₃O₅₅
Formula Weight : 3108.28

| Test | Specification | Result |
|------------------------|--------------------|------------|
| Appearance (Form) | Powder | Powder |
| Appearance (Color) | White | White |
| Solubility (Solvent) | Water | Water |
| Solubility (Conc) | 1.00 - 1.04 mg/ml | 1.00 mg/ml |
| Solubility (Color) | Colorless | Colorless |
| Solubility (Turbidity) | Clear | Clear |
| Molecular Weight (MS) | 3105.7 - 3111.7 DA | 3107.9 DA |
| Peptide Content (AAA) | $\geq 70.0\%$ | 82.6 % |
| Purity (HPLC) | $\geq 90.0\%$ | 100.0 % |

Certified by:

Quality Assurance Department

JUNE/25/2025

