

MENKOR

CERTIFICATE OF ANALYSIS

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|-------------|--------------------|--------------|-------------|
| PRODUCT | IGF-1 LR3 1mg | BATCH NO. | MK260301 |
| FORMULA | C400H625N111O115S9 | MANUFACTURED | 2026/03/01 |
| MOL. WEIGHT | 9111.49 | EXPIRY DATE | 2028/02/28 |
| CAS NUMBER | 946870-92-4 | STORAGE | -20°C ± 5°C |

IDENTITY & PHYSICAL

| PARAMETER | SPECIFICATION | RESULT |
|---------------|---------------------------|----------|
| Appearance | White to off-white powder | Conform |
| Solubility | Soluble in pure water | Conform |
| Identity (MS) | 9111.49 ± 5.0Da | 9112.3Da |
| pH | 7.0 - 9.0 | 7.6 |
| Water Content | ≤ 8.0% | 3.1% |

HPLC PURITY

| PARAMETER | SPECIFICATION | RESULT |
|-------------------------|---------------|--------|
| Peptide Purity (HPLC) | ≥ 98.0% | 99.34% |
| Total Impurities | ≤ 2.0% | 0.51% |
| Largest Single Impurity | ≤ 1.0% | 0.22% |
| Peptide Content | ≥ 85.0% | 94.8% |

MICROBIAL & ENDOTOXIN

| PARAMETER | SPECIFICATION | RESULT |
|------------------|-----------------------|-----------|
| TAMC // TYMC | NMT 1000 // 100 cfu/g | Conform |
| Pathogens | Negative | Negative |
| Endotoxins (LAL) | < 5 EU/mg | < 5 EU/mg |

For Research Use Only

Date of Analysis: 2026/03/01