

## CERTIFICATE OF ANALYSIS

|                       |                                         |
|-----------------------|-----------------------------------------|
| Product Name          | MT-2                                    |
| Lot No.               | MTFA81717-260519                        |
| Sequence              | Ac-{Nle}-DHfRWK-NH2 (Acetate Salt)      |
| Dissolution condition | 100%H2O                                 |
| Modification          | acetate salt, Asp2-Lys7 lactam, f=D-Phe |
| Molecular Weight (MW) | 1024.18                                 |
| Storage               | -20°C                                   |

| Test Items        | Specifications                        | Results  |
|-------------------|---------------------------------------|----------|
| MW by MS          | 1024.30                               | Conforms |
| Purity by HPLC    | >98%                                  | 99.433%  |
| Endotoxin Content | N/A                                   | N/A      |
| TFA solubility    | N/A                                   | N/A      |
| Moisture content  | N/A                                   | N/A      |
| Peptide content   | N/A                                   | N/A      |
| Appearance        | White to off-white lyophilized powder | Conforms |
| Quantity          | 20 g                                  | 20.0g    |

Certified by: \_\_\_\_\_ Date 05/21/2026

Quality Assurance Department

**Note: this product is intended for research use only; not for diagnostic or human use.**

