



大连汉德姆精细化学品有限公司

DALIAN HANDOM CHEMICALS CO.,LTD.

Certificate of Analysis

Product Name: Acetyl Octapeptide-3

Molecular Formula: C₄₁H₇₀N₁₆O₁₆S

Batch No.: HDC20230901

Manufacturing Date: Sep 1st, 2023

CAS No.: 868844-74-0

Molecular Weight: 1075.2

Batch Quantity: 26.79g

Retest Date: Aug 31st, 2025

Sequence: Ac-EEMQRRAD-NH₂

Test Items	Specifications	Test Results
Appearance	White or off-white powder	White powder
Molecular Ion Mass	1075.2±1	Conforms
Purity (HPLC)	Not less than 99.0%	99.87%
Water Content (Karl Fischer)	Not more than 5.0%	4.67%
Acetic Acid Content (HPLC)	Not more than 8.0%	1.20%
TFA Content (HPLC)	Not more than 1.0%	Not detected
pH Value (1% Aqueous Solution)	3.5 ~ 5.5	4.45
Peptide Content	Not less than 85.0%	94.01%
Water Solubility	Not less than 100mg/mL	Conforms

Conclusion: The testing results of this batch are complied with the Enterprise Standard.

Storage Conditions: Preserved in airtight containers at 2°C to 8°C for short-term storage; kept at -20±5°C for long-term storage.