



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 Tetrapeptide-5

Molecular Formula: C₂₀H₂₈N₈O₇

Batch No.: HDC20230306

Manufacturing Date: Mar 6th, 2023

CAS No.: 820959-17-9

Molecular Weight: 492.5

Batch Quantity: 2145.35g

Retest Date: Mar 5th, 2025

Sequence: Ac-β-Ala-His-Ser-His-OH

Test Items	Specifications	Test Results
Appearance	White or off-white powder	White powder
Molecular Ion Mass	492.5±1	Conforms
Purity (HPLC)	Not less than 98.0%	99.69%
Water Content (Karl Fischer)	Not more than 8.0%	6.03%
Acetic Acid Content (HPLC)	Not more than 5.0%	3.57%
TFA Content (IC)	Not more than 1.0%	Not detected
pH Value (1% Aqueous Solution)	5.0 ~ 7.0	6.74
Peptide Content	Not less than 80.0%	90.12%

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.