Research Scientific Ltd

Specialist chemical and laboratory consumables supplier

CERTIFICATE OF ANALYSIS

ULTIMATE

PRODUCT AND BATCH DETAILS

PRODUCT CODE
PEP055U

PEPTIDE NAME
THYMOSIN ALPHA-1

CHEMICAL NAME
Thymosin Alpha-1

BATCH ID
26055

BATCH LETTER
A

CHEMICAL IDENTIFICATION

CAS
62304-98-7

FORMULA
C129H215N33O55

ANALYTICAL RESULT

TEST NUMBER
RSL482969

PURITY
99.85%

TEST DATE
12/02/2026

RETEST DATE
29/01/2029

SPECIFICATION

DESCRIPTION / GENERAL APPEARANCE

White to off-white powder, supported by a white mannitol framework.
Supplied exclusively as loose, free-flowing, sieved lyophilised powder; never as a cake or solid mass.

Reference appearance only; not a recorded batch observation.

NOTES

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Our purity assessments are determined by the analytical results obtained through rigorous testing. NMR and Elemental Analysis (where applicable) are conducted with a precision range of ±2%. Isotopic purity is evaluated based on the mass distribution data observed. Please note that specifications are subject to revision without prior notice, and the values provided reflect the most current and accurate information available

Suitable for shipment at ambient temperature, provided the product is protected from UV light.
Long-term storage: Store frozen at -20 ˚C.
Handling: Hygroscopic; keep tightly sealed and protect from moisture.
Shelf life: 2+ years when stored under recommended conditions.

TESTS

FTIR ☑ LCMS ☑ NMR ☐ HPLC ☑ LPS ☑ OTHER ☐

Selected test panel; see the batch report for method results and limits.

PREPARED BY
Michael Mansfield

REVIEWED / AUTHORISED BY

SIGNATURE / DATE
12/02/2026