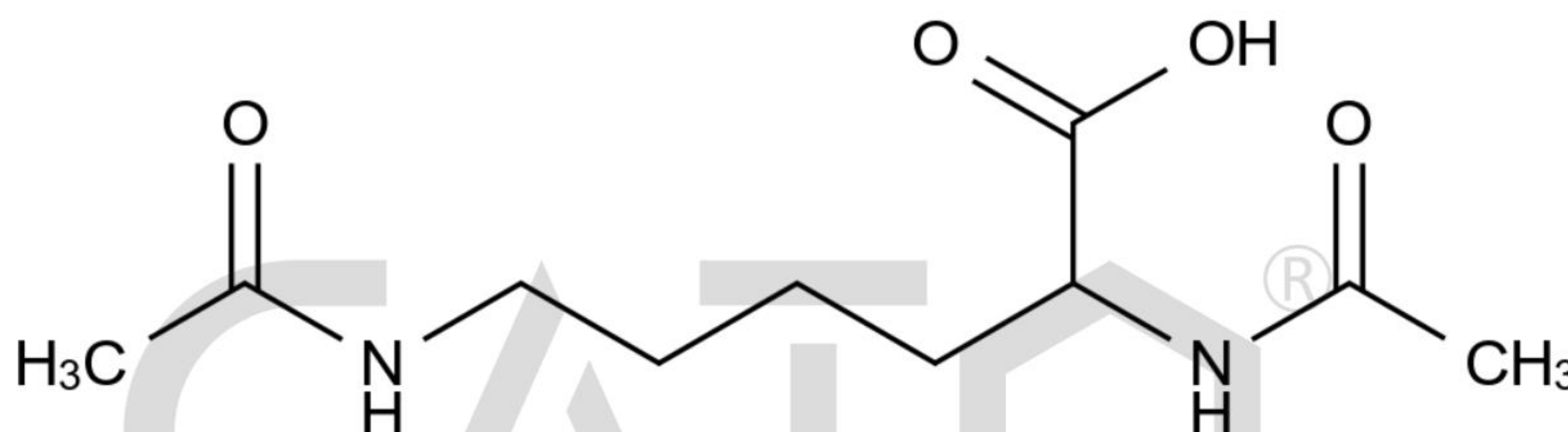


Certificate of Analysis

Reference Material & Standard

Product Name:	Lysine Impurity 7 (Ac-DL-Lys(Ac)-OH)	Catalogue Number:	C4X-22117
Synonyms:	N/A	Lot Number:	0708-RH-0025
CAS Number:	35436-74-9	Expiry Date:	Jul 22, 2030
Molecular Formula:	C ₁₀ H ₁₈ N ₂ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	230.26	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.264%
Loss on Drying	TGA	0.0869%
Assay		97.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 23, 2026

Date: Jul 23, 2026

Date: Jul 23, 2026



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