

Certificate of Analysis

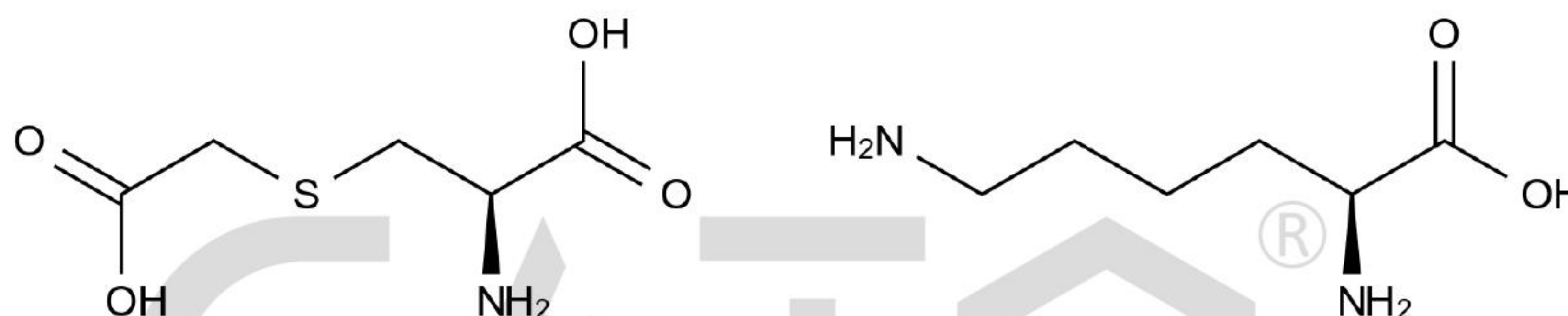
Reference Material & Standard

Product Name:	L-Lysine S-(Carboxymethyl)-L-Cysteine	Catalogue Number:	C1829850
Synonyms:	N/A	Lot Number:	0226-RH-0068
CAS Number:	49673-81-6	Expiry Date:	Jun 15, 2029
Molecular Formula:	C ₅ H ₉ NO ₄ S C ₆ H ₁₄ N ₂ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	179.19 146.19	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.5925%
Loss On Drying	TGA	2.206%
Assay		97.4%

Comment:

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

Assay (%) = (100%-Loss On Drying) * Purity ELSD (%) /100%

Loss On Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Mar 02, 2026

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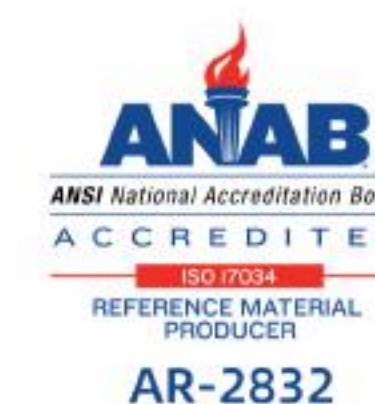
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