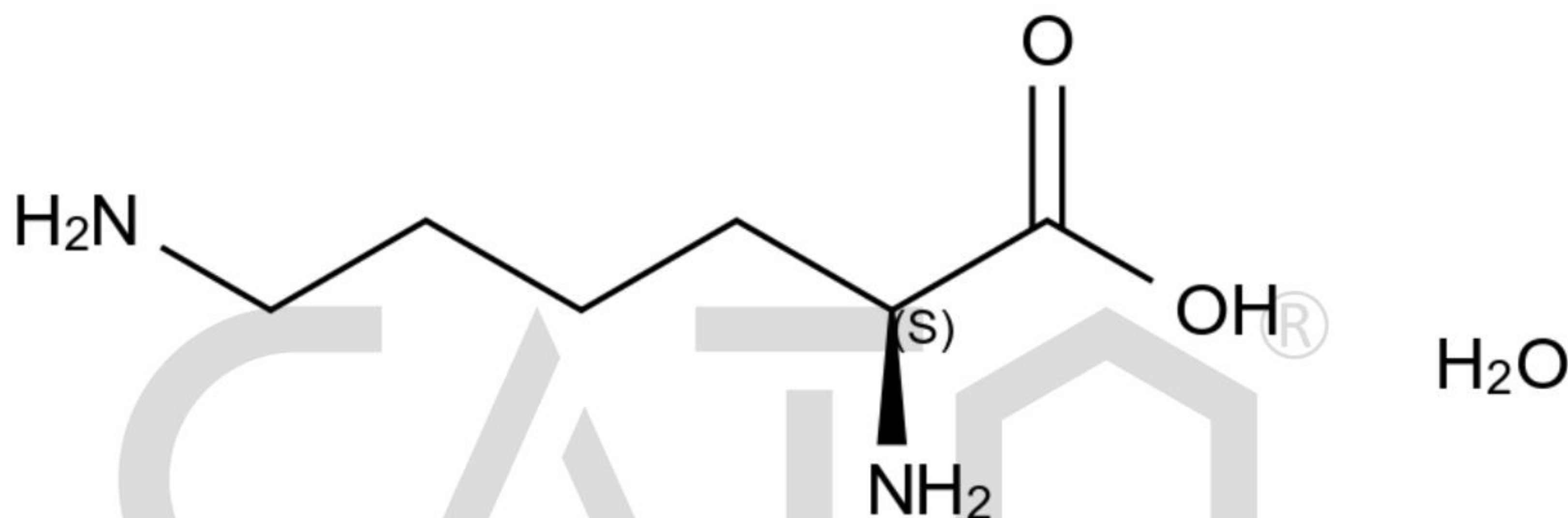


Certificate of Analysis

Reference Material & Standard

Product Name:	L-Lysine hydrate	Catalogue Number:	C1918585
Synonyms:	N/A	Lot Number:	0217-RG-0004
CAS Number:	39665-12-8	Expiry Date:	Oct 14, 2027
Molecular Formula:	C ₆ H ₁₄ N ₂ O ₂ · H ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	146.19 18.02	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.8%
Uncertainty		±2.0%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Feb 19, 2025

Date: Feb 19, 2025

Date: Feb 19, 2025

