

Certificate of Analysis

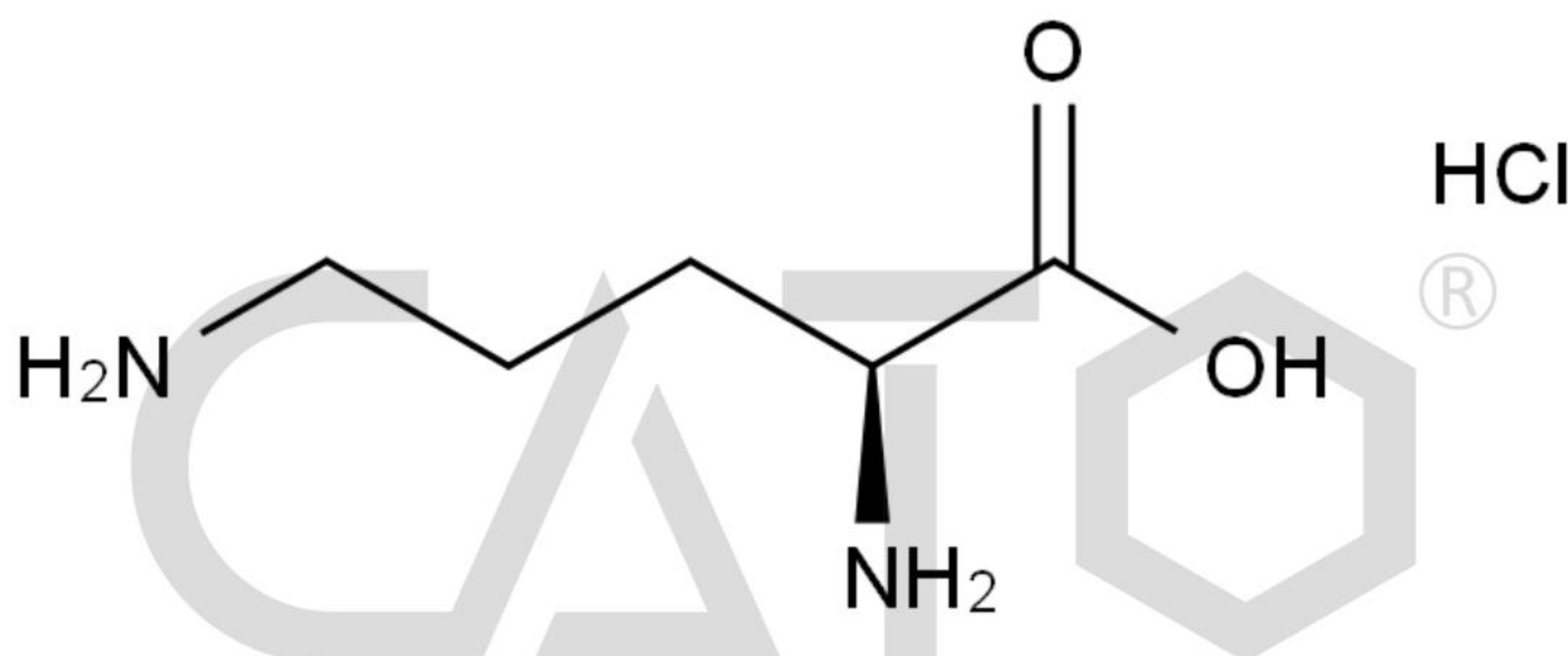
Reference Material & Standard

Product Name:	Lysine Acetate EP Impurity E	Catalogue Number:	C4X-221115
Synonyms:	L-Ornithine Monohydrochloride	Lot Number:	0601-RB-0001
CAS Number:	3184-13-2	Expiry Date:	Jul 19, 2030
Molecular Formula:	C ₅ H ₁₂ N ₂ O ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	132.16 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	ELSD	100.000%
Loss on Drying	TGA	0.5202%
Assay		99.5%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 20, 2026

Date: Jul 21, 2026

Date: Jul 21, 2026



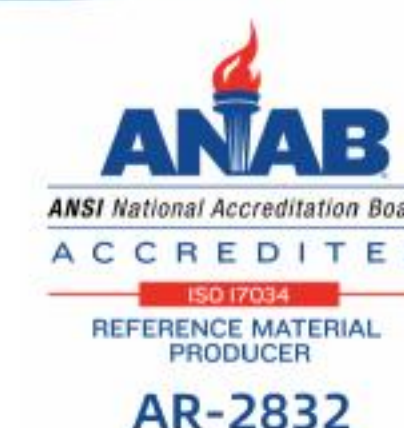
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