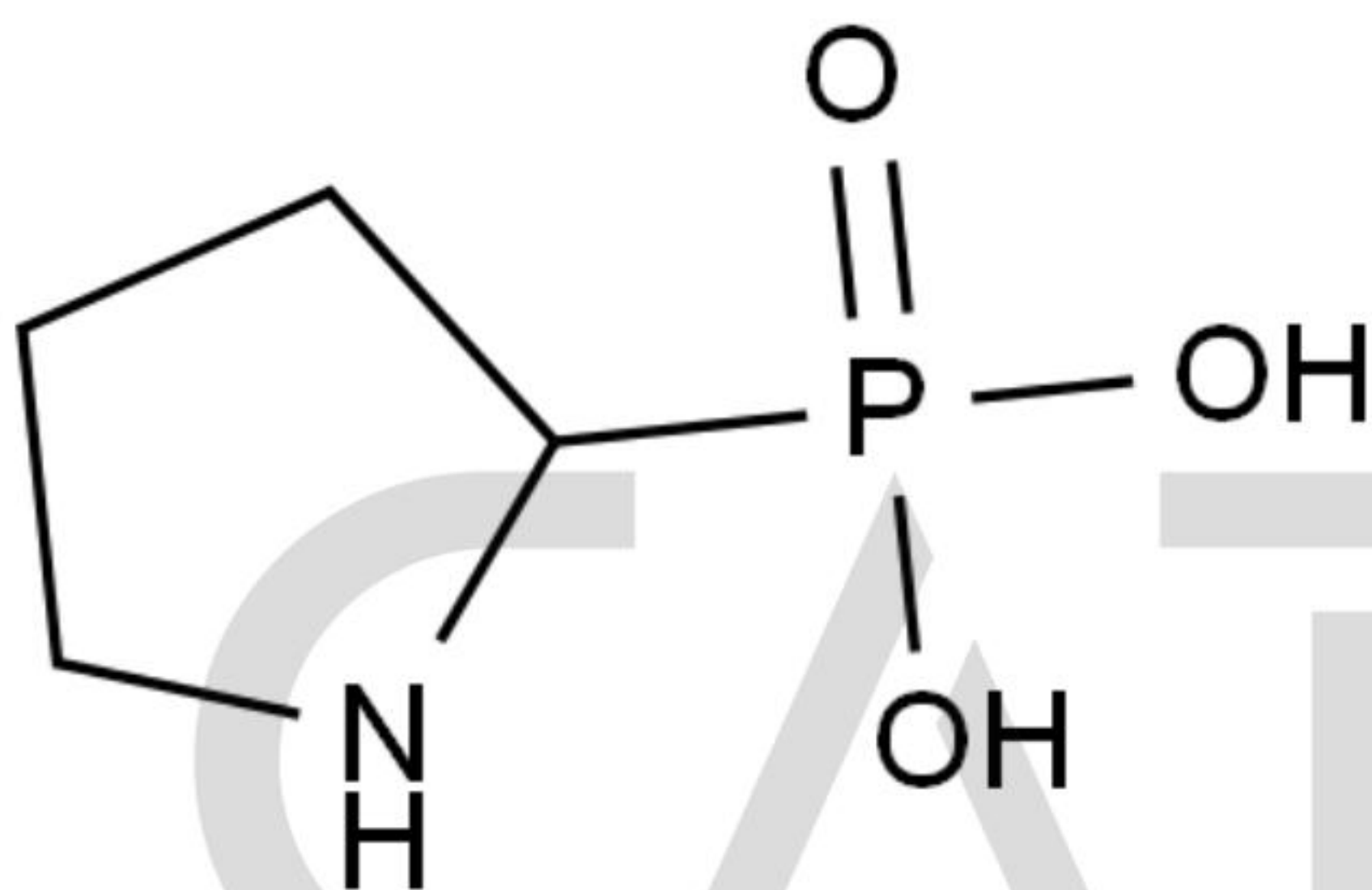


Certificate of Analysis

Reference Material & Standard

Product Name:	Alendronic Acid Impurity 3	Catalogue Number:	C4X-22423
Synonyms:	N/A	Lot Number:	1225-RG-0057
CAS Number:	73858-59-0	Expiry Date:	Jul 30, 2028
Molecular Formula:	C ₄ H ₁₀ NO ₃ P	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	151.10	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	98.3615%
Loss On Drying	TGA	0.478%
Assay		97.9%

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: Dec 26, 2025

Date: Dec 26, 2025

Date: Dec 26, 2025



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