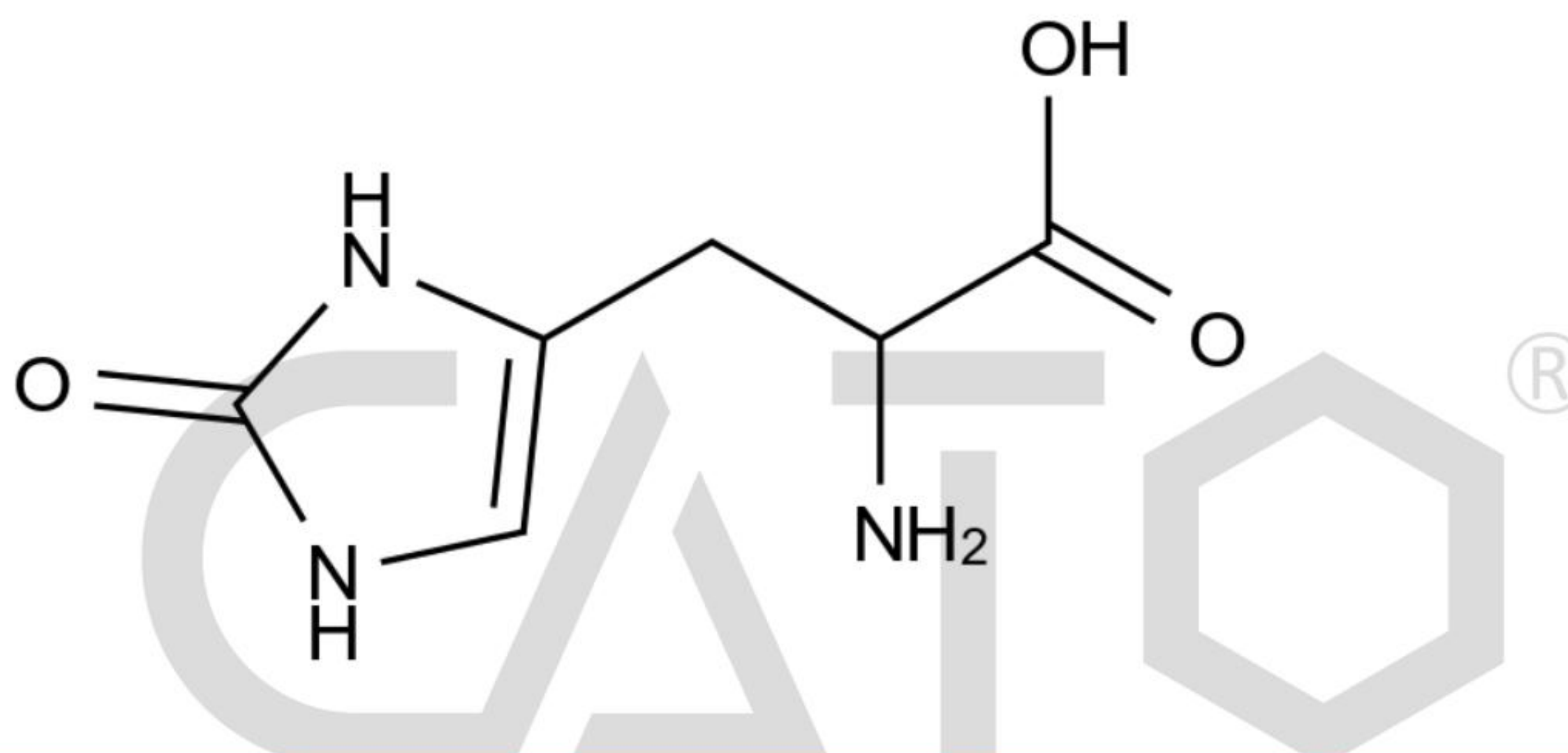


Certificate of Analysis

Reference Material & Standard

Product Name:	2-Oxohistidine	Catalogue Number:	C4X-32391
Synonyms:	N/A	Lot Number:	0807-RG-0044
CAS Number:	181996-08-7	Expiry Date:	Nov 12, 2029
Molecular Formula:	C ₆ H ₉ N ₃ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	171.15	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.050%
Loss On Drying	TGA	9.2226%
Assay		87.2%

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: Nov 13, 2025

Date: Nov 13, 2025

Date: Nov 13, 2025



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