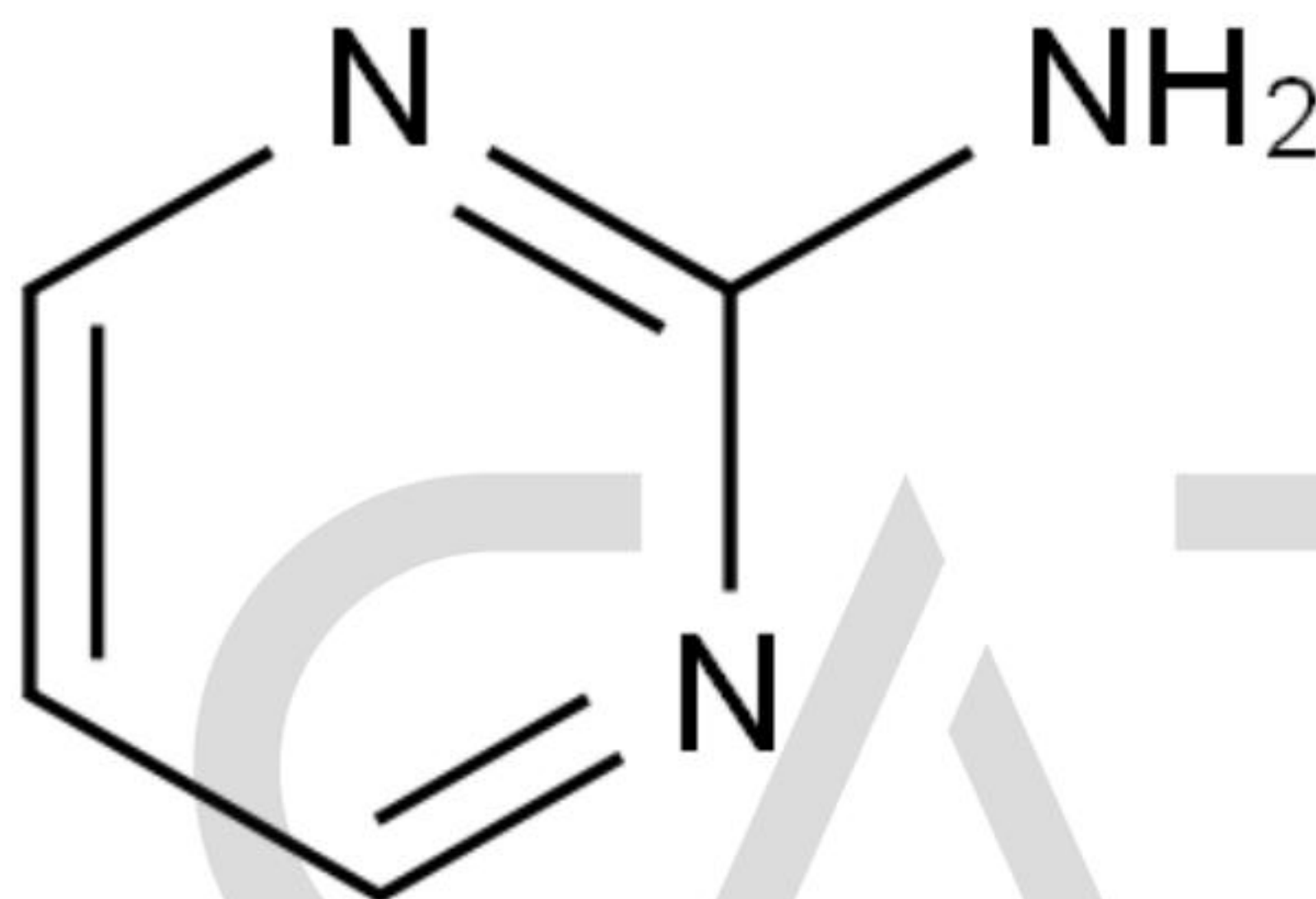


Certificate of Analysis

Reference Material & Standard

Product Name:	Sulfadiazine EP Impurity A	Catalogue Number:	C4X-25522
Synonyms:	N/A	Lot Number:	0527-RD-0089
CAS Number:	109-12-6	Expiry Date:	Jun 10, 2028
Molecular Formula:	C ₄ H ₅ N ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	95.10		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.623%
Water Content	Karl Fischer	0.6035%
Assay		99.0%

Comment:

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

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 12, 2025

Date: Jun 12, 2025

Date: Jun 12, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

