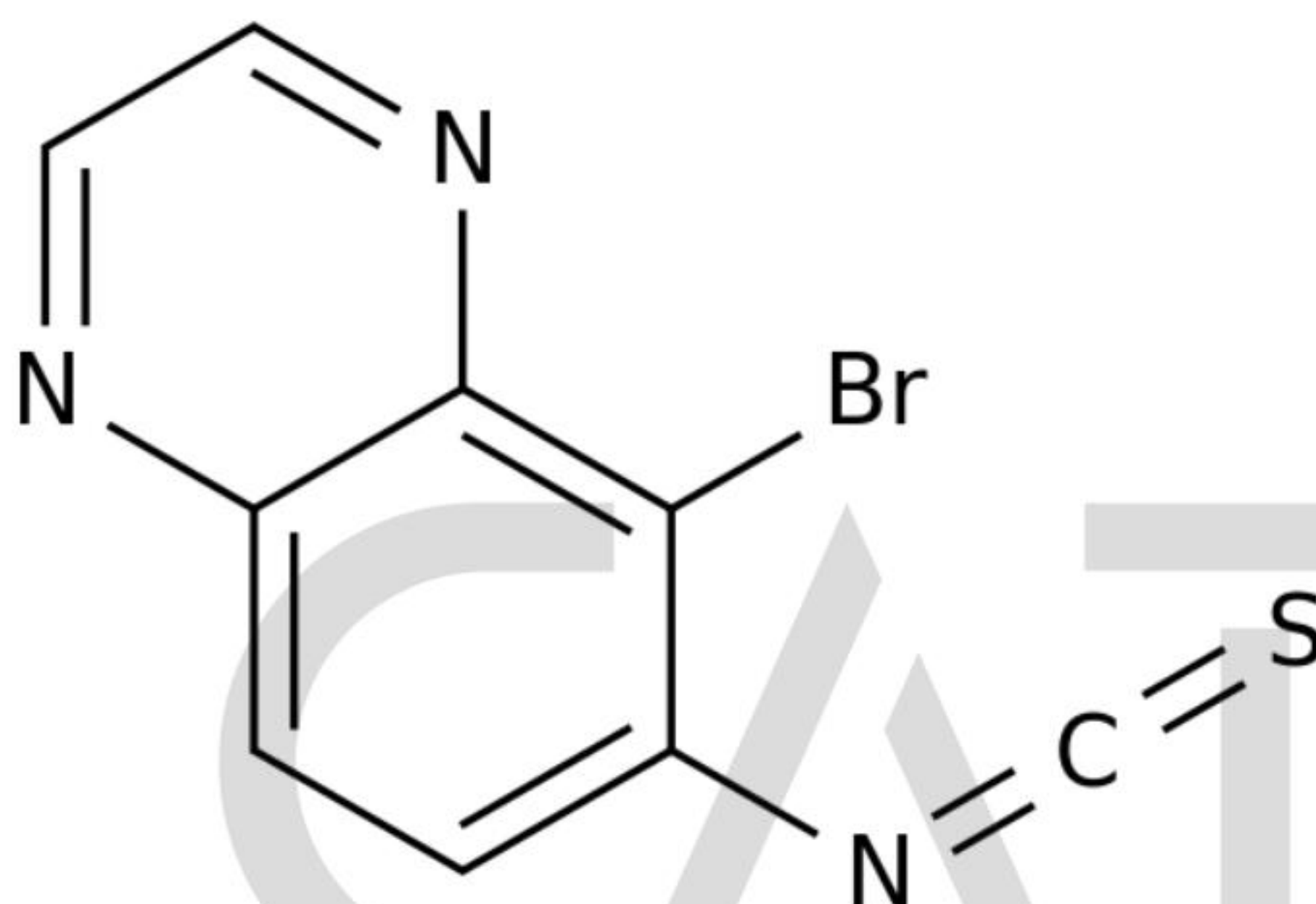


Certificate of Analysis

Reference Material & Standard

Product Name:	Brimonidine Impurity 22	Catalogue Number:	C4X-156622
Synonyms:	5-Bromo-6-isothiocyanatoquinoxaline	Lot Number:	0903-RC-0039
CAS Number:	134892-46-9	Expiry Date:	Mar 28, 2027
Molecular Formula:	C ₉ H ₄ BrN ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	266.12	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.050%
Loss On Drying	TGA	0.1528%
Assay		98.9%

Comment:

The calculation of the 100% 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

Aproved by General Manager:

David

Date: Mar 29, 2024

Date: Mar 29, 2024

Date: Mar 29, 2024

