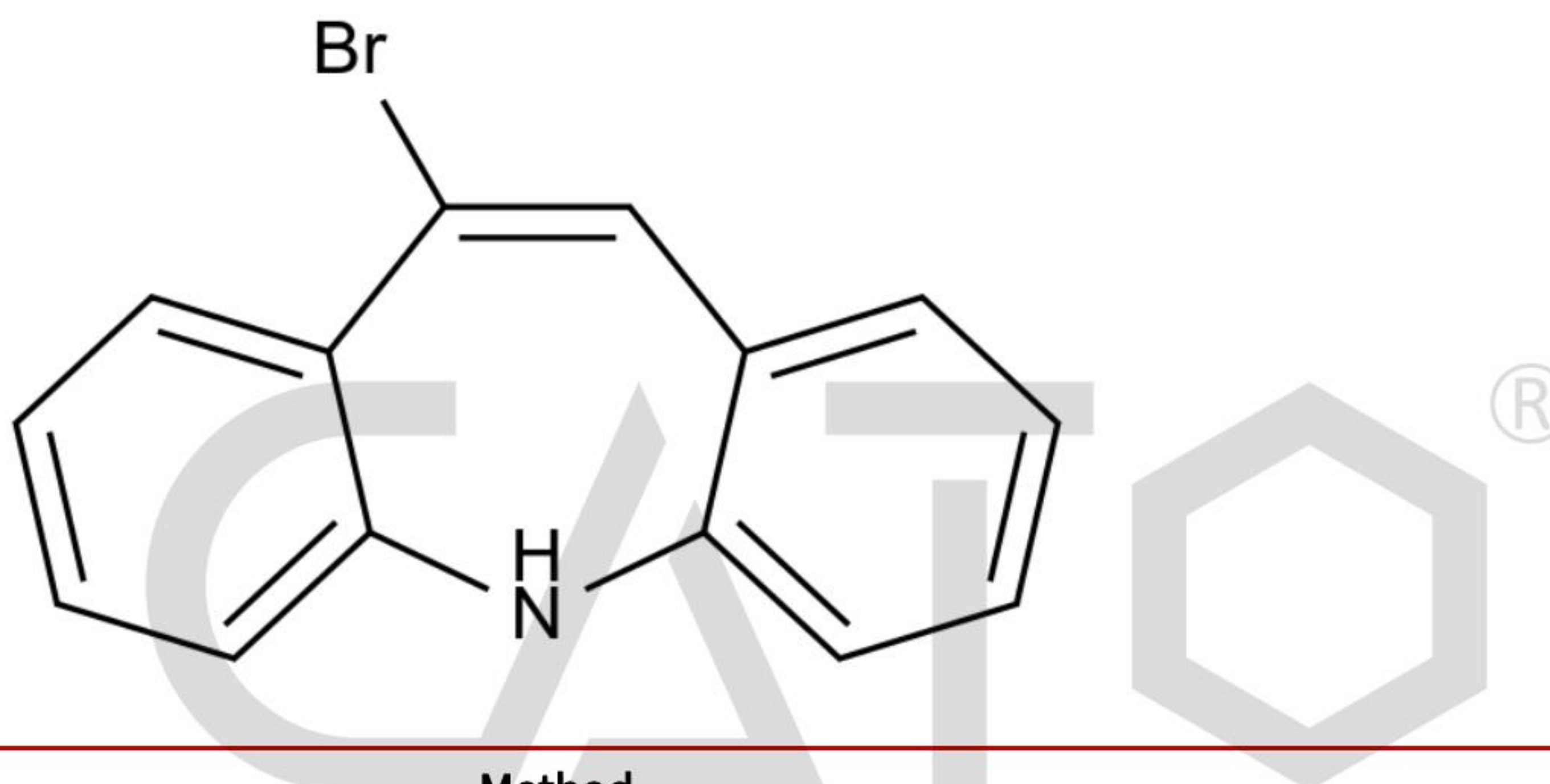


Certificate of Analysis

Reference Material & Standard

Product Name:	Carbamazepine Impurity 13	Catalogue Number:	C4X-118113
Synonyms:	N/A	Lot Number:	0919-RF-0020
CAS Number:	75272-34-3	Expiry Date:	Jan 25, 2027
Molecular Formula:	C ₁₄ H ₁₀ BrN	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	272.14		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.5233%
Loss On Drying	TGA	2.103%
Assay		96.5%

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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Sep 19, 2024

Date: Sep 19, 2024

Date: Sep 19, 2024

