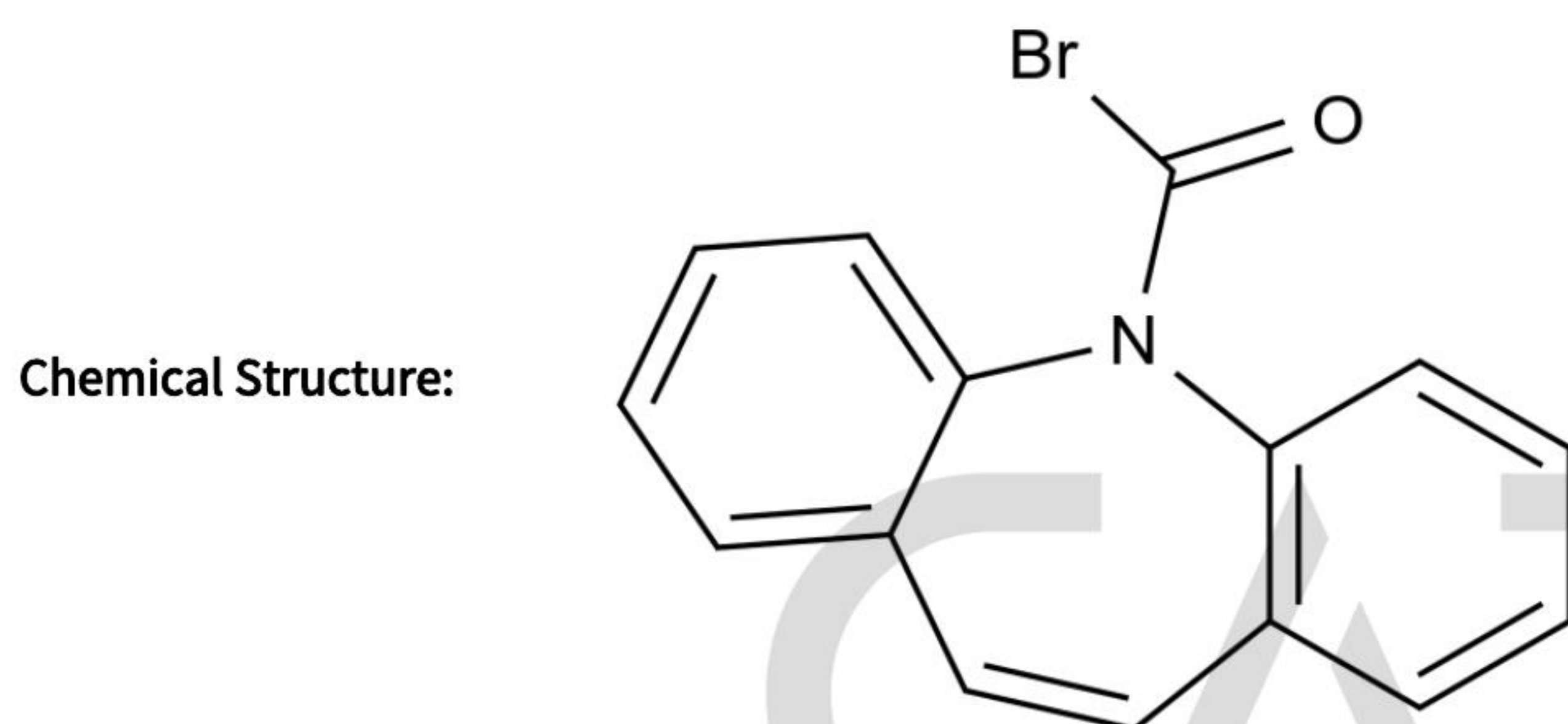


Certificate of Analysis

Reference Material & Standard

Product Name:	Carbamazepine Impurity 32	Catalogue Number:	C4X-118132
Synonyms:	N/A	Lot Number:	0113-RG-0142
CAS Number:	40421-05-4	Expiry Date:	Jan 14, 2027
Molecular Formula:	C ₁₅ H ₁₀ BrNO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	300.15		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR&APT	Confirmed
Purity	HPLC	91.22%
Residue on Ignition	TGA	0.488%
Loss On Drying	TGA	0.017%
Assay		90.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jan 20, 2025

Date: Jan 21, 2025

Date: Jan 21, 2025

