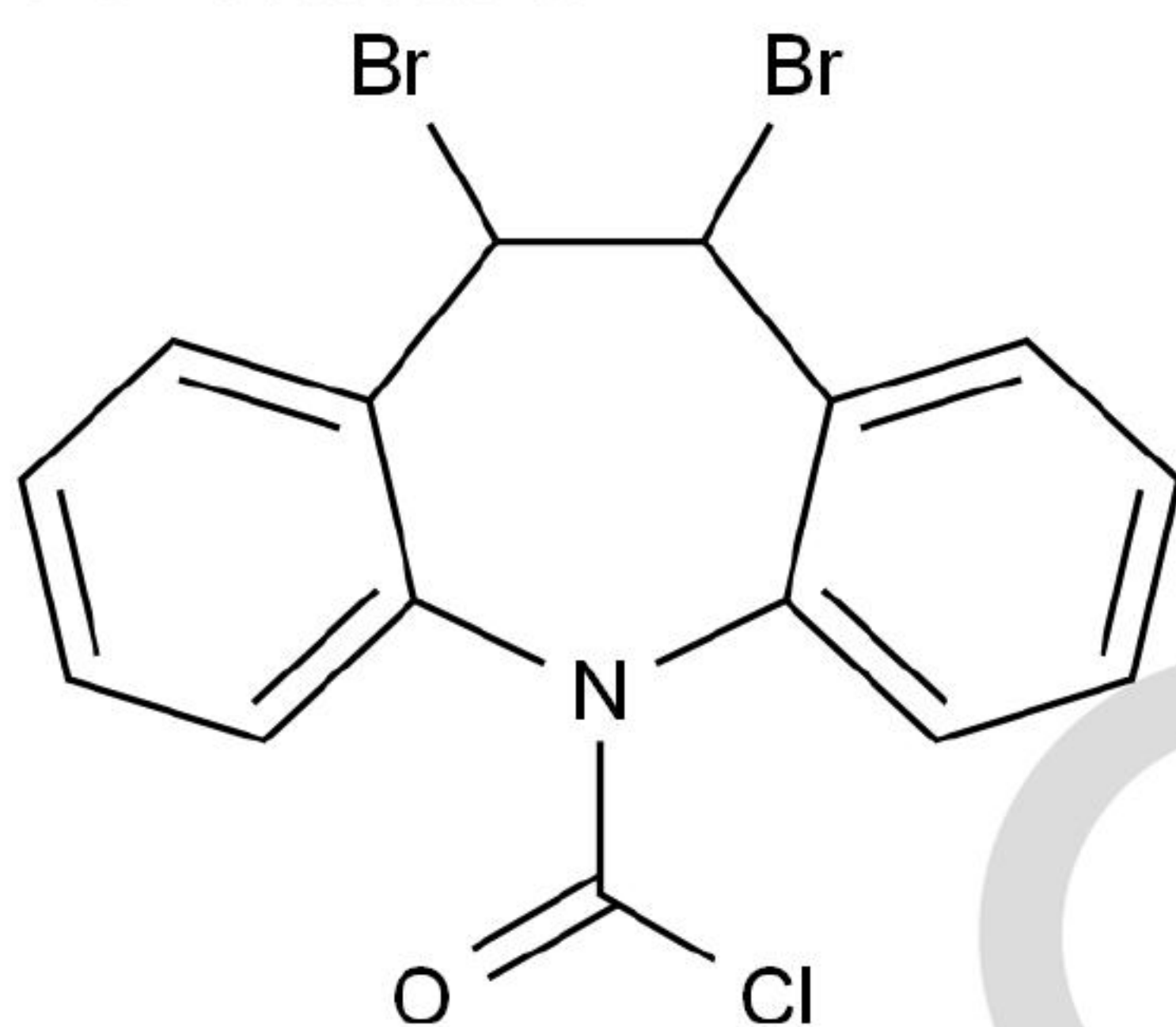


Certificate of Analysis

Reference Material & Standard

Product Name:	Carbamazepine Impurity 6	Catalogue Number:	C4X-11816
Synonyms:	N/A	Lot Number:	0914-RE-0028
CAS Number:	40421-03-2	Expiry Date:	Oct 10, 2026
Molecular Formula:	C ₁₅ H ₁₀ Br ₂ ClNO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	415.51		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	GCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.070%
Loss On Drying	TGA	0.0399%
Assay		99.0%

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:

Koi

Reviewed by:

Lisa

Aproved by General Manager:

David

Date: Oct 20, 2023

Date: Oct 20, 2023

Date: Oct 20, 2023

