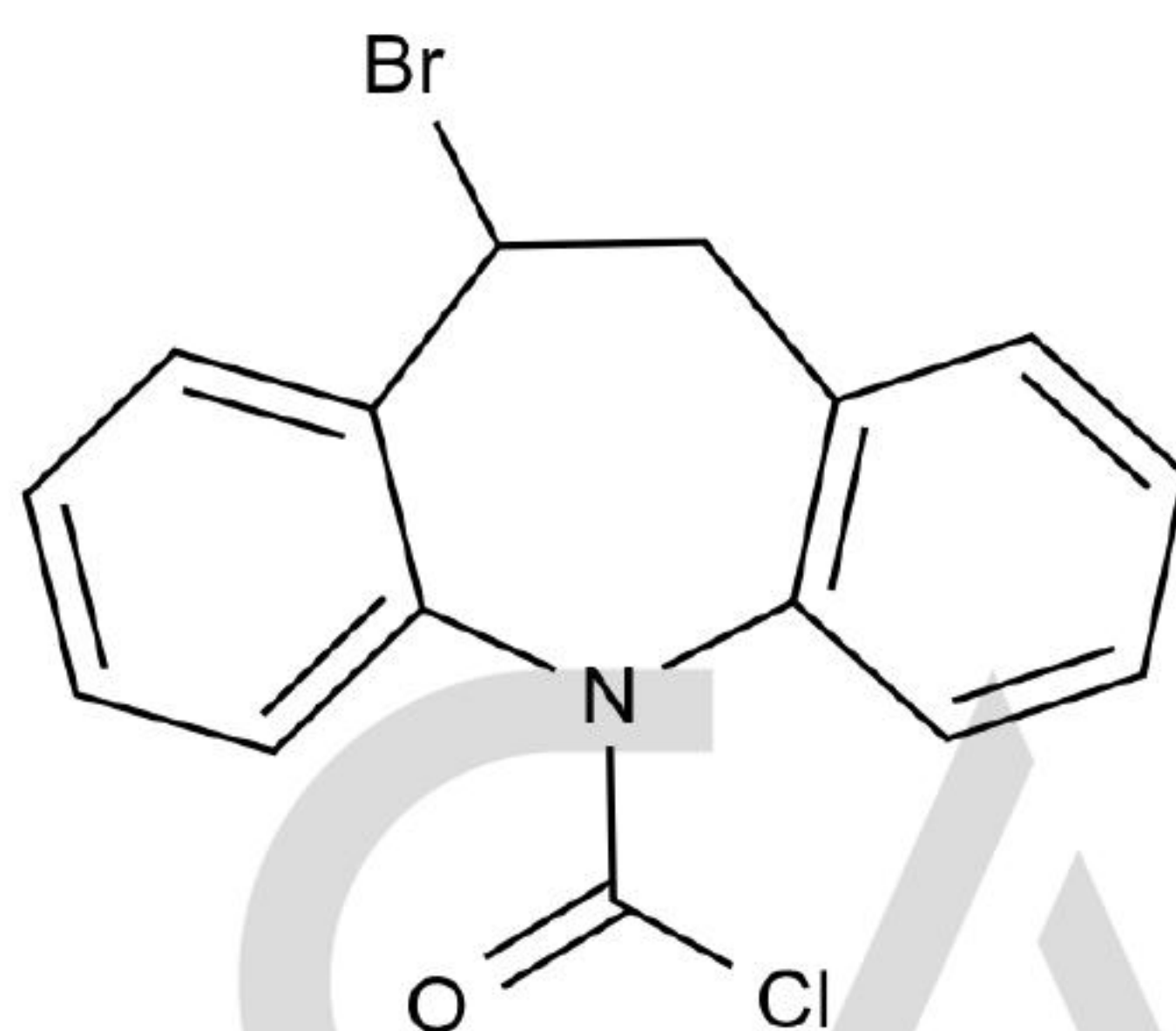


Certificate of Analysis

Reference Material & Standard

Product Name:	Carbamazepine Impurity 11	Catalogue Number:	C4X-118111
Synonyms:	N/A	Lot Number:	0925-RF-0001
CAS Number:	33948-20-8	Expiry Date:	Apr 27, 2027
Molecular Formula:	C ₁₅ H ₁₁ BrClNO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	336.61		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	HNMR	Confirmed
Purity	HPLC	99.227%
Loss On Drying	TGA	0.1474%
Assay		99.1%

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

Approved by General Manager:

David

Date: Sep 25, 2024

Date: Sep 25, 2024

Date: Sep 25, 2024

