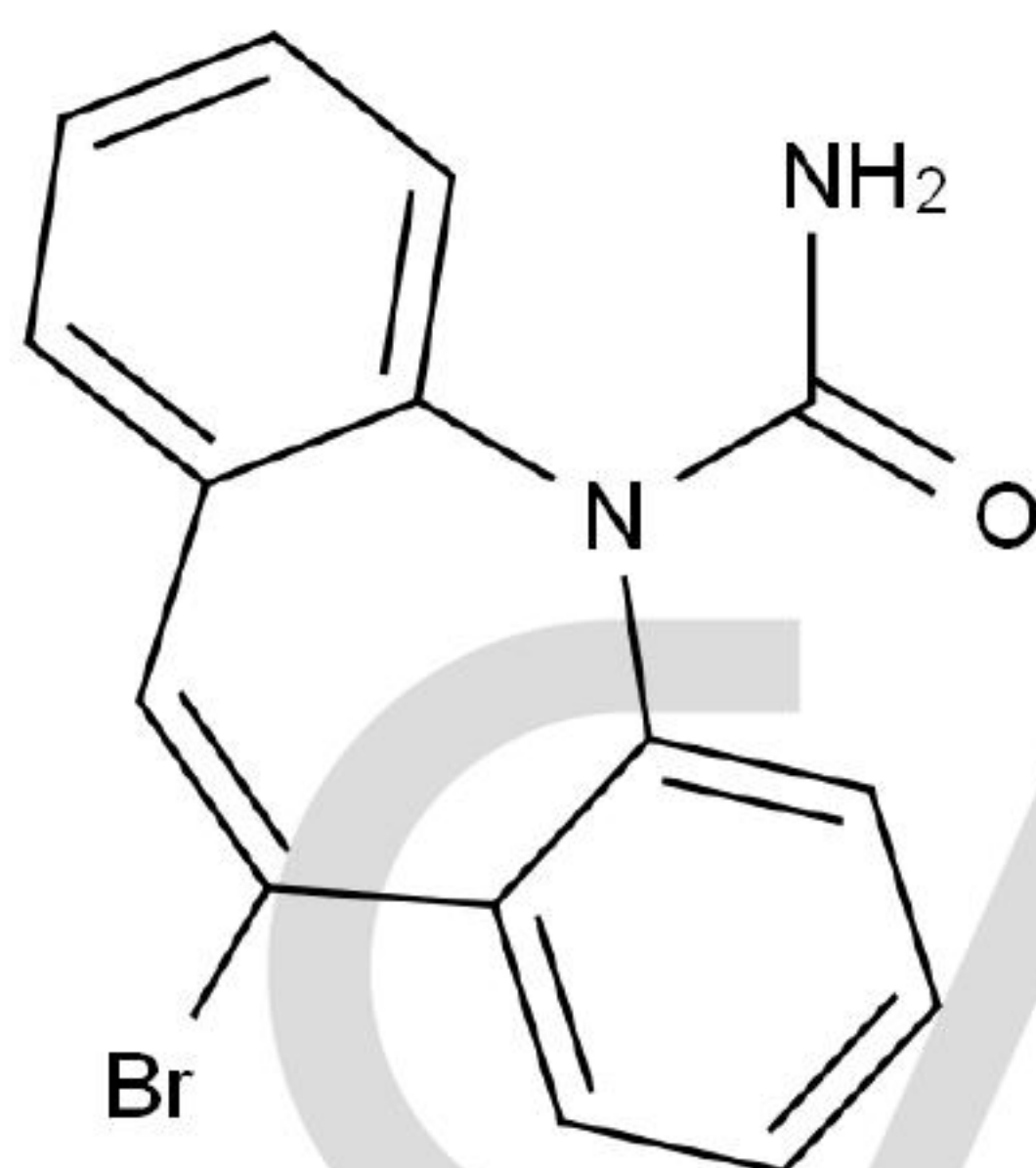


Certificate of Analysis

Reference Material & Standard

Product Name:	Carbamazepine EP Impurity G	Catalogue Number:	C4X-116413
Synonyms:	N/A	Lot Number:	0515-RG-0071
CAS Number:	59690-97-0	Expiry Date:	May 19, 2028
Molecular Formula:	C ₁₅ H ₁₁ BrN ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	315.16	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.838%
Loss on Drying	TGA	1.558%
Assay		98.3%

Comment:

The calculation of the mass balance 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: Dec 19, 2025

Date: Dec 19, 2025

Date: Dec 19, 2025



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