

# Certificate of Analysis

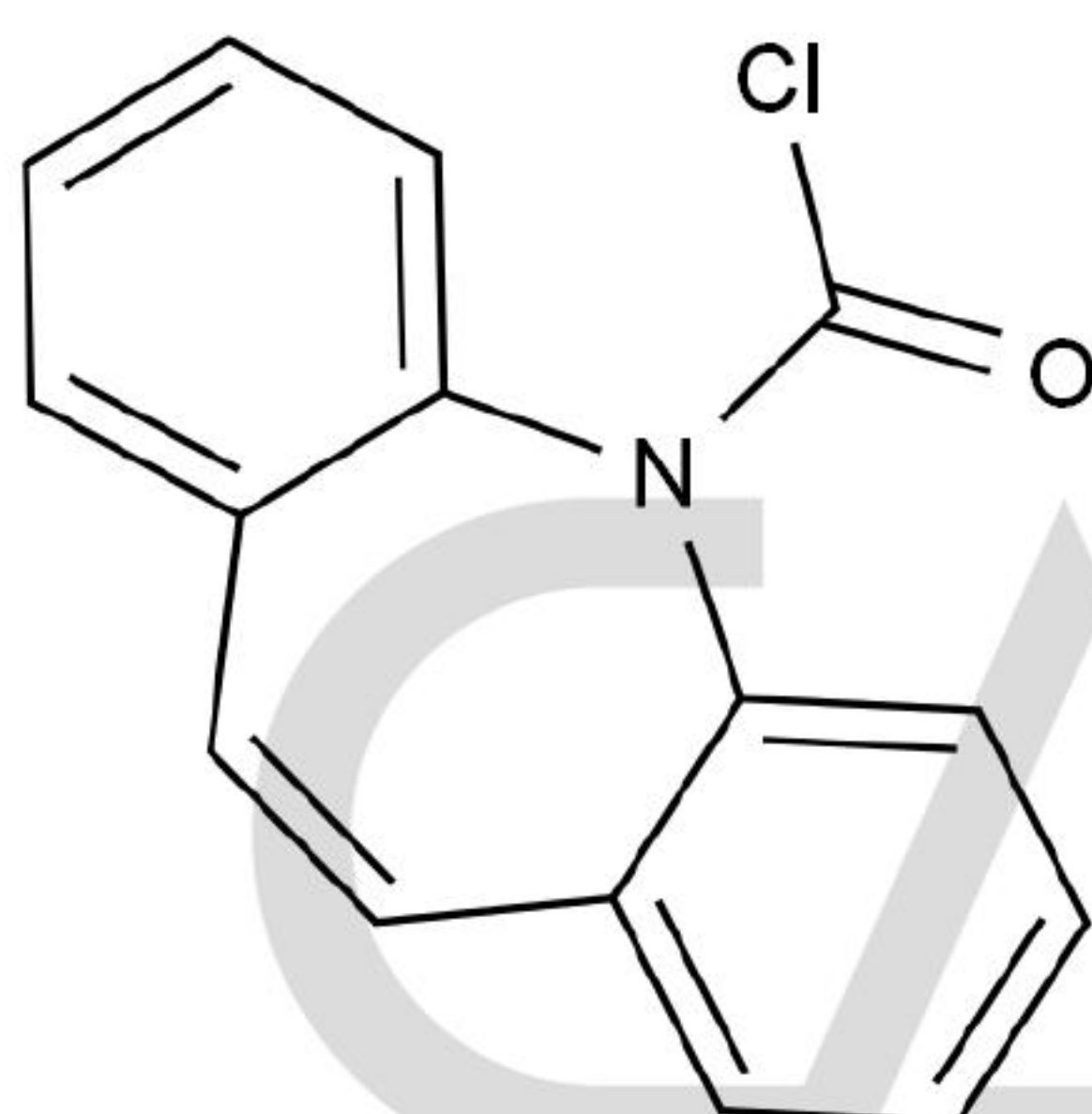
## Reference Material & Standard

|                           |                                      |                            |                                           |
|---------------------------|--------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Carbamazepine EP Impurity F          | <b>Catalogue Number:</b>   | C4X-116412                                |
| <b>Synonyms:</b>          | N/A                                  | <b>Lot Number:</b>         | 1208-RG-0110                              |
| <b>CAS Number:</b>        | 33948-22-0                           | <b>Expiry Date:</b>        | Dec 15, 2029                              |
| <b>Molecular Formula:</b> | C <sub>15</sub> H <sub>10</sub> ClNO | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 255.70                               | <b>Shipping Condition:</b> | Shipping at Room Temperature              |

**Warning:**



**Chemical Structure:**



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed       |
| Purity         | HPLC              | 100.0%          |
| Assay          | qNMR              | 95.5%           |

**Signature:**

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Reviewed by:

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Approved by General Manager:

*David*

Date: Dec 16, 2025

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