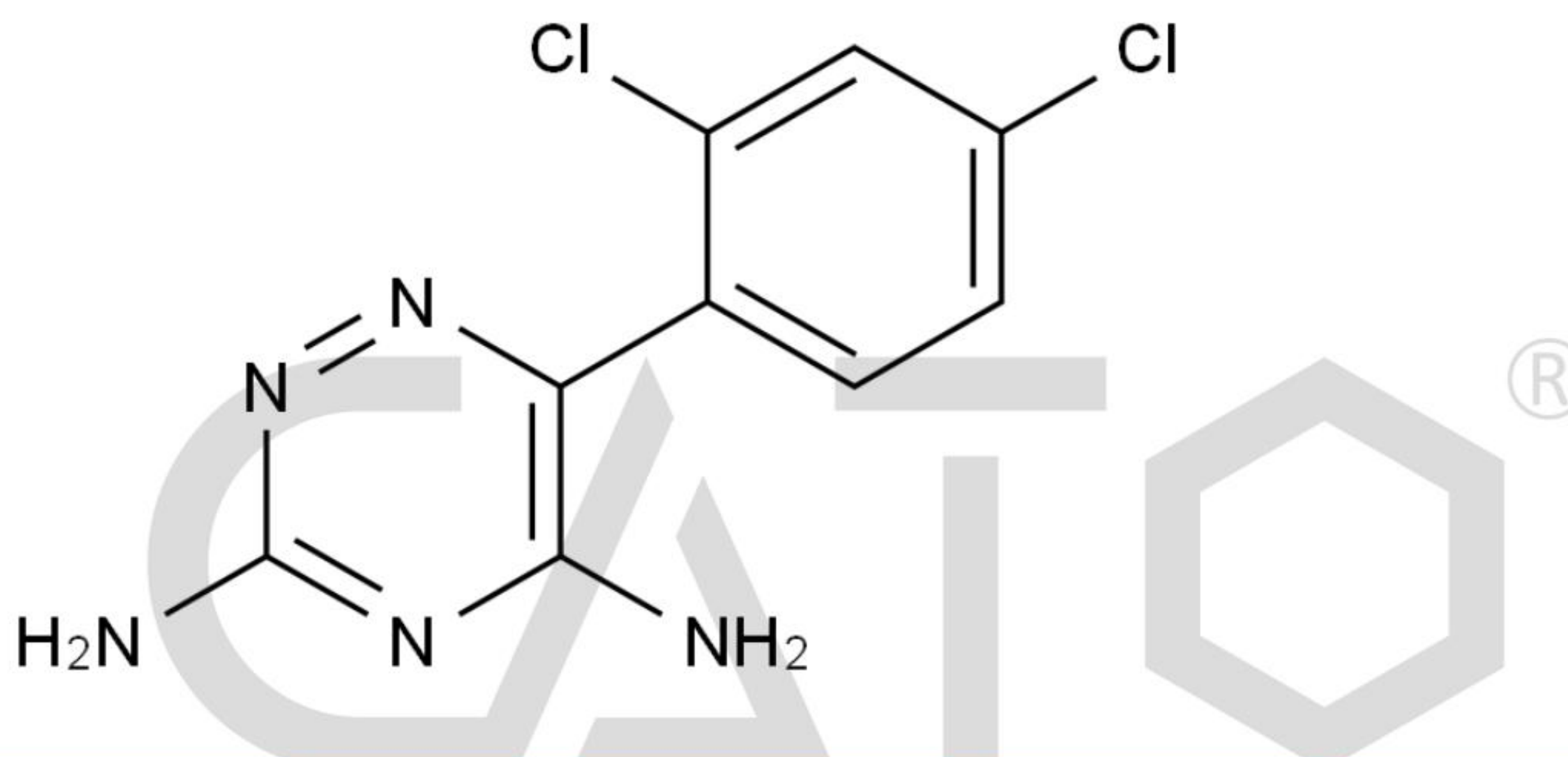


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                              |                   |                                           |
|--------------------|--------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Lamotrigine EP Impurity G                                    | Catalogue Number: | C4X-16723                                 |
| Synonyms:          | N/A                                                          | Lot Number:       | 1228-RE-0056                              |
| CAS Number:        | 38943-76-9                                                   | Expiry Date:      | Sep 08, 2029                              |
| Molecular Formula: | C <sub>9</sub> H <sub>7</sub> Cl <sub>2</sub> N <sub>5</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 256.09                                                       |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 96.5%       |
| Assay          | qNMR              | 94.7%       |

Signature:

Prepared by:

*Lily*

Reviewed by:

*Hinlam*

Approved by General Manager:

*David*

Date: Sep 15, 2025

Date: Sep 15, 2025

Date: Sep 15, 2025



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