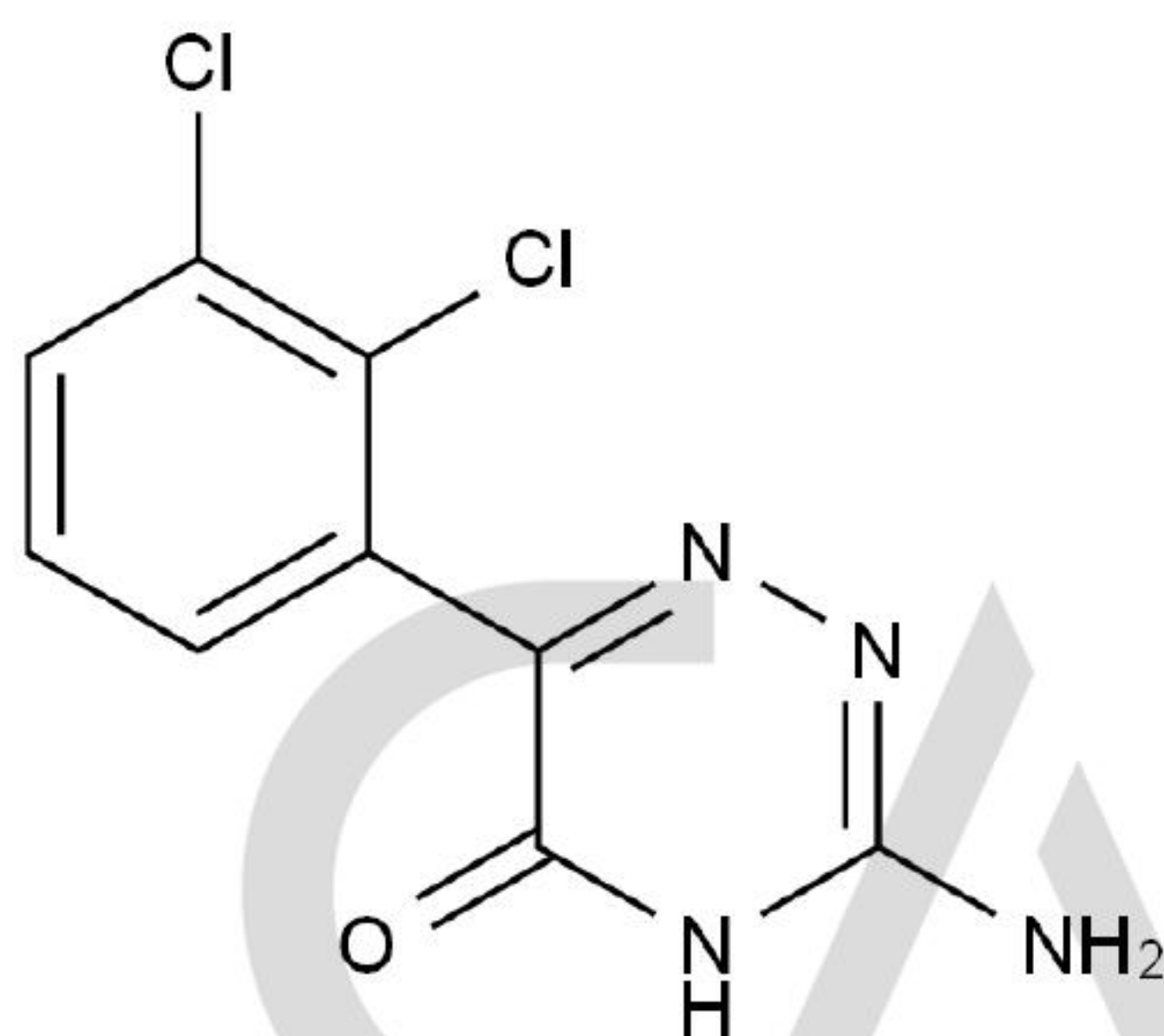


Certificate of Analysis

Reference Material & Standard

Product Name:	Lamotrigine EP Impurity A	Catalogue Number:	C4X-16721
Synonyms:	N/A	Lot Number:	0418-RE-0026
CAS Number:	252186-78-0	Expiry Date:	Jun 23, 2028
Molecular Formula:	C ₉ H ₆ Cl ₂ N ₄ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	257.08	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	95.578%
Loss On Drying	TGA	0.0868%
Assay		95.5%

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: Jun 24, 2025

Date: Jun 24, 2025

Date: Jun 24, 2025

