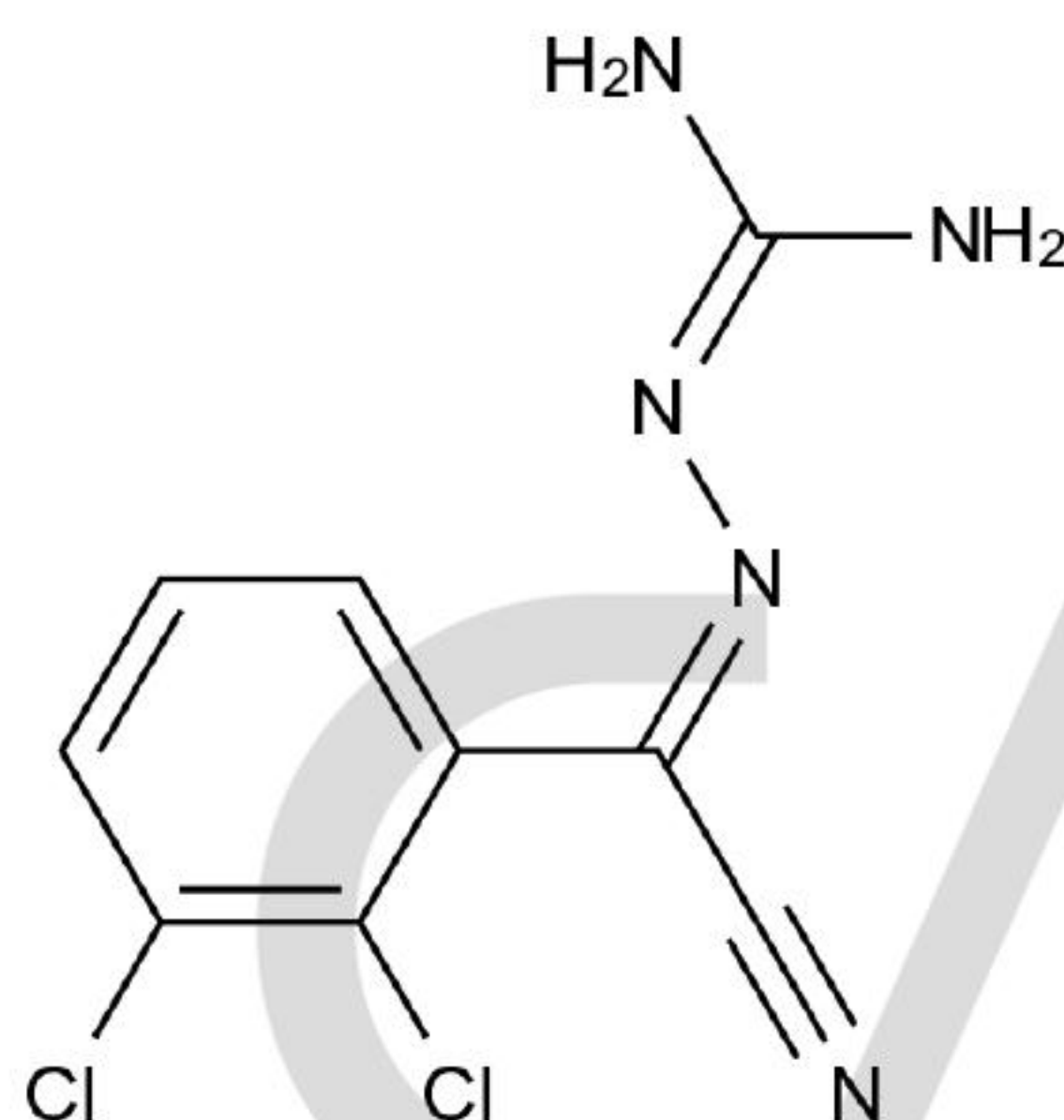


Certificate of Analysis

Reference Material & Standard

Product Name:	Lamotrigine EP Impurity B	Catalogue Number:	C4X-167210
Synonyms:	N/A	Lot Number:	0509-RH-0103
CAS Number:	94213-24-8	Expiry Date:	May 23, 2030
Molecular Formula:	C ₉ H ₇ Cl ₂ N ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	256.09	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.187%
Loss on Drying	TGA	3.11%
Assay		95.1%

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:

Reviewed by:

Approved by General Manager:

Date: May 27, 2026

Date: May 27, 2026

Date: May 27, 2026



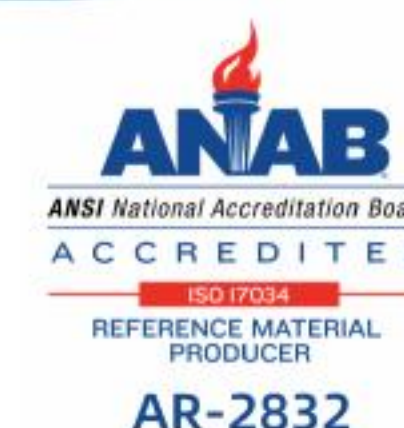
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 6



Official
WeChat