

Certificate of Analysis

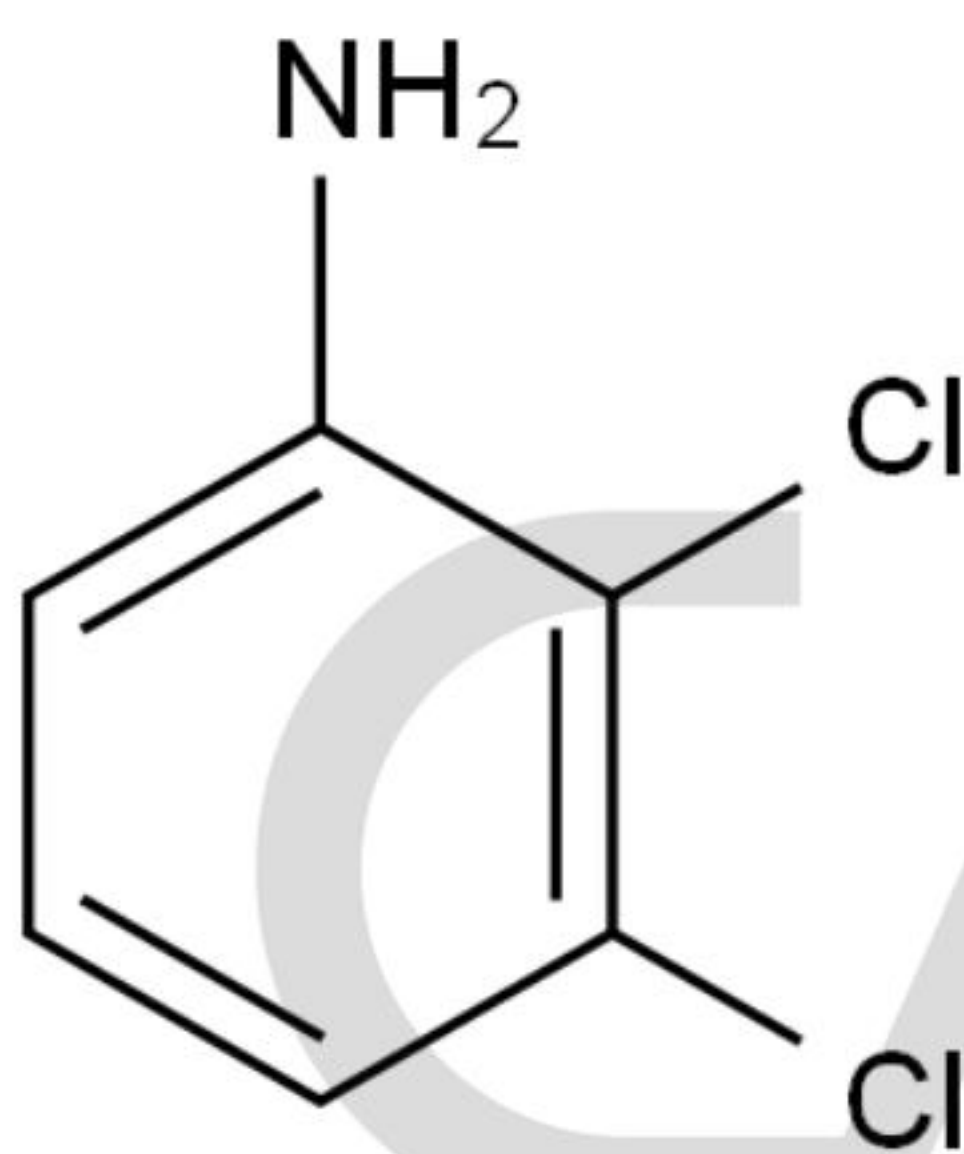
Reference Material & Standard

Product Name:	Lamotrigine Impurity 16	Catalogue Number:	C4X-167216
Synonyms:	2,3-Dichloroaniline	Lot Number:	0717-RB-0016
CAS Number:	608-27-5	Expiry Date:	May 19, 2030
Molecular Formula:	C ₆ H ₅ Cl ₂ N	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	162.02	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&IR&HNMR	Confirmed
Purity	GC	100.000%
Water Content	Karl Fischer	0.4211%
Assay		99.6%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

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Date: May 20, 2026

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