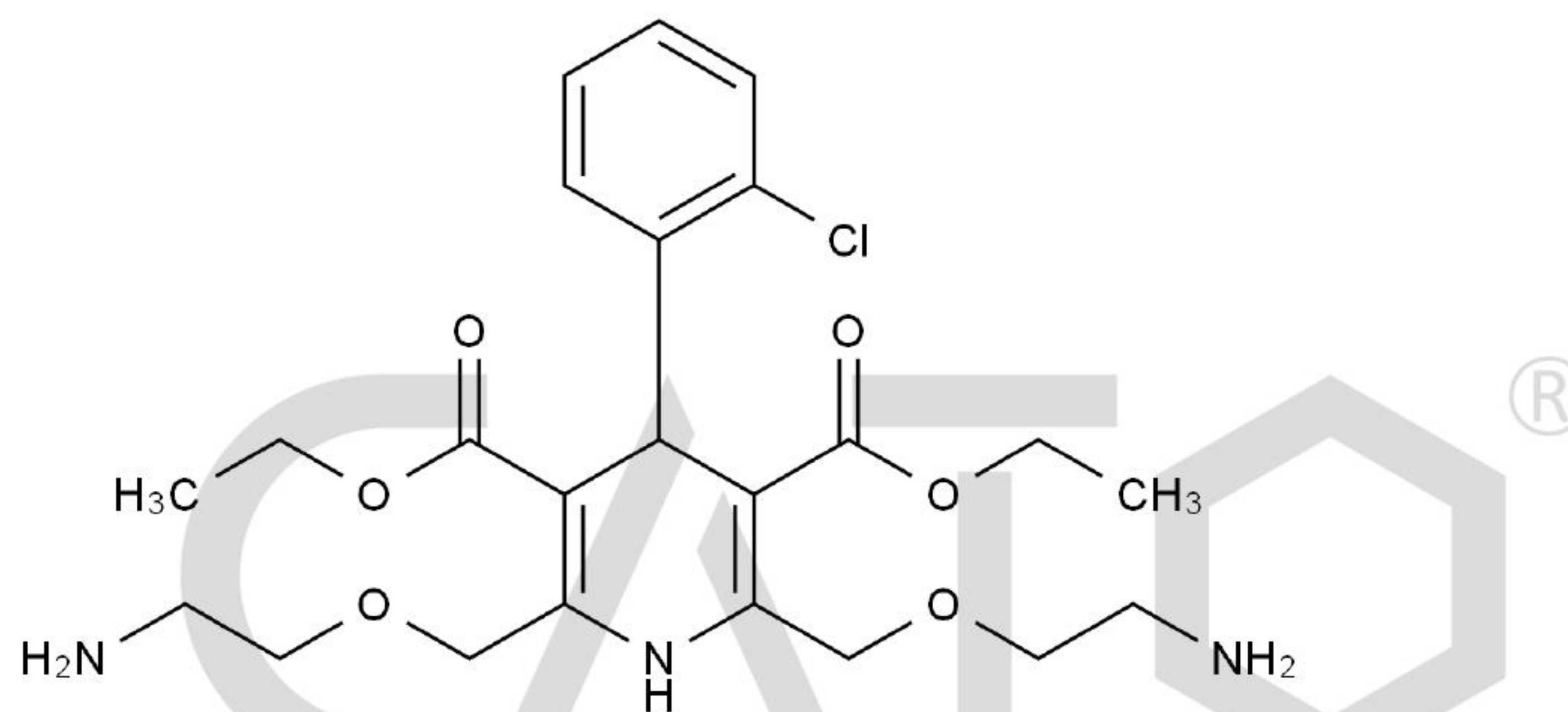


Certificate of Analysis

Reference Material & Standard

Product Name:	Amlodipine Impurity 41	Catalogue Number:	C4X-109541
Synonyms:	N/A	Lot Number:	0604-RH-0099
CAS Number:	331258-31-2	Expiry Date:	Oct 12, 2028
Molecular Formula:	C ₂₃ H ₃₂ ClN ₃ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	481.97	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.574%
Water Content	Karl Fischer	1.95%
Residual Solvents	NMR	0.62% n-hexane
Assay		96.0%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hin Lam

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 05, 2026

Date: Jun 05, 2026

Date: Jun 05, 2026



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