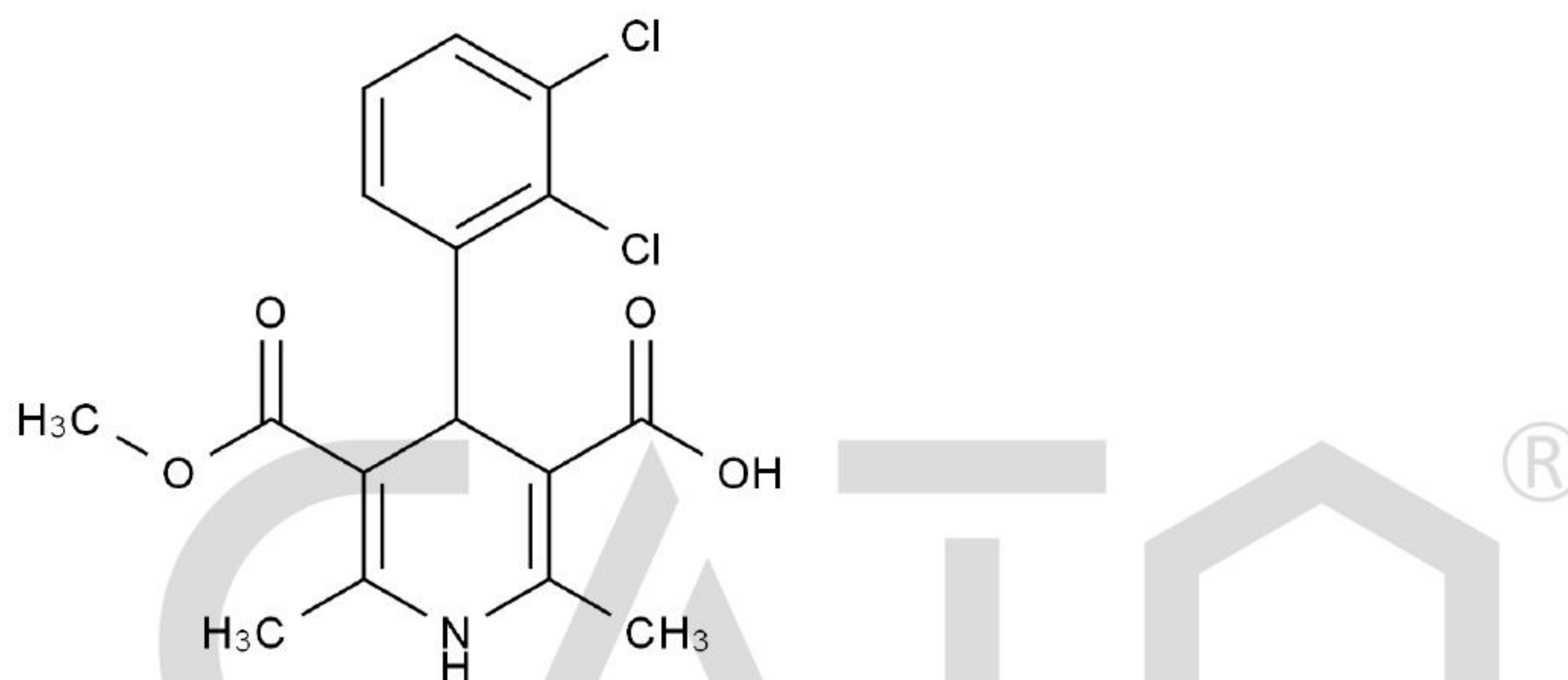


Certificate of Analysis

Reference Material & Standard

Product Name:	Clevudipine Butyrate impurity 17	Catalogue Number:	C4X-101517
Synonyms:	N/A	Lot Number:	0622-RD-0053
CAS Number:	123853-39-4	Expiry Date:	Mar 23, 2028
Molecular Formula:	C ₁₆ H ₁₅ Cl ₂ NO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	356.20		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	95.328%
Residual Solvents	NMR	1.33% dichloromethane
Loss On Drying	TGA	0.0779%
Assay		94.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residual Solvents - Loss On Drying) * Purity HPLC (%) / 100%

Residual Solvents and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Mar 24, 2025

Date: Mar 24, 2025

Date: Mar 24, 2025

