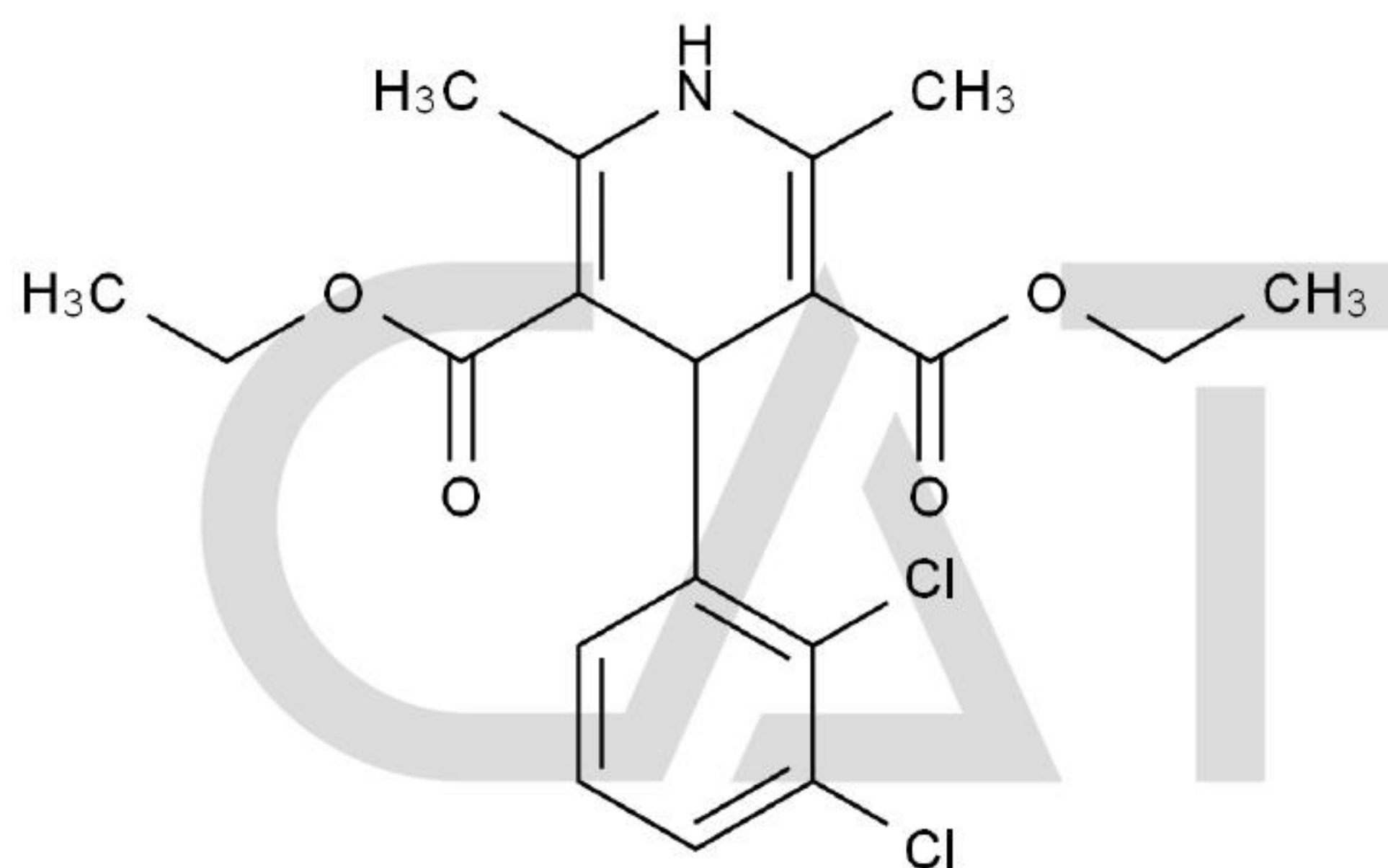


Certificate of Analysis

Reference Material & Standard

Product Name:	Felodipine EP impurity C	Catalogue Number:	C4X-10942
Synonyms:	3,5-Diethyl 4-(2,3-dichlorophenyl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylate	Lot Number:	0203-RH-0043
CAS Number:	79925-38-5	Expiry Date:	Feb 25, 2030
Molecular Formula:	C ₁₉ H ₂₁ Cl ₂ NO ₄	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	398.28	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in Acetonitrile and DMSO	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.960%
Residue on Ignition	TGA	0.2207%
Loss On Drying	TGA	2.0507%
Assay	qNMR	97.6%
Assay	Mass Balance	97.7%

Comment:

- The retest date of this product is Feb 25, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$$
 Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Feb 26, 2026

Date: Feb 26, 2026

Date: Feb 26, 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>

