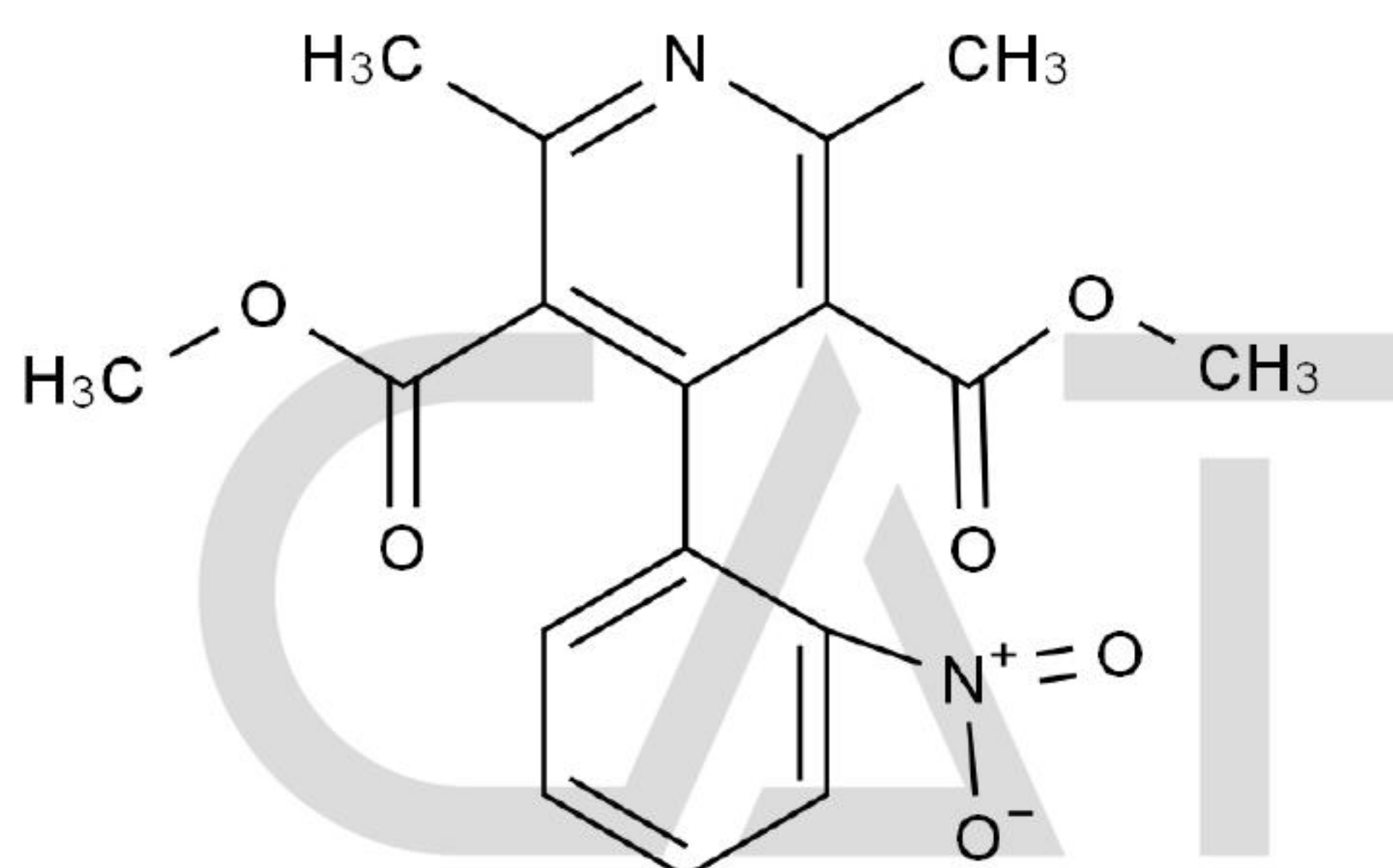


Certificate of Analysis

Reference Material & Standard

Product Name:	Nifedipine EP Impurity A	Catalogue Number:	C4X-14101
Synonyms:	Nifedipine Nitrophenylpyridine Analog/Nifedipine Impurity I	Lot Number:	0203-RH-0107
CAS Number:	67035-22-7	Expiry Date:	Jun 28, 2030
Molecular Formula:	C ₁₇ H ₁₆ N ₂ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	344.32	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.818%
Loss on Drying	TGA	0.2037%
Assay		99.6%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 29, 2026

Date: Jun 30, 2026

Date: Jun 30, 2026



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