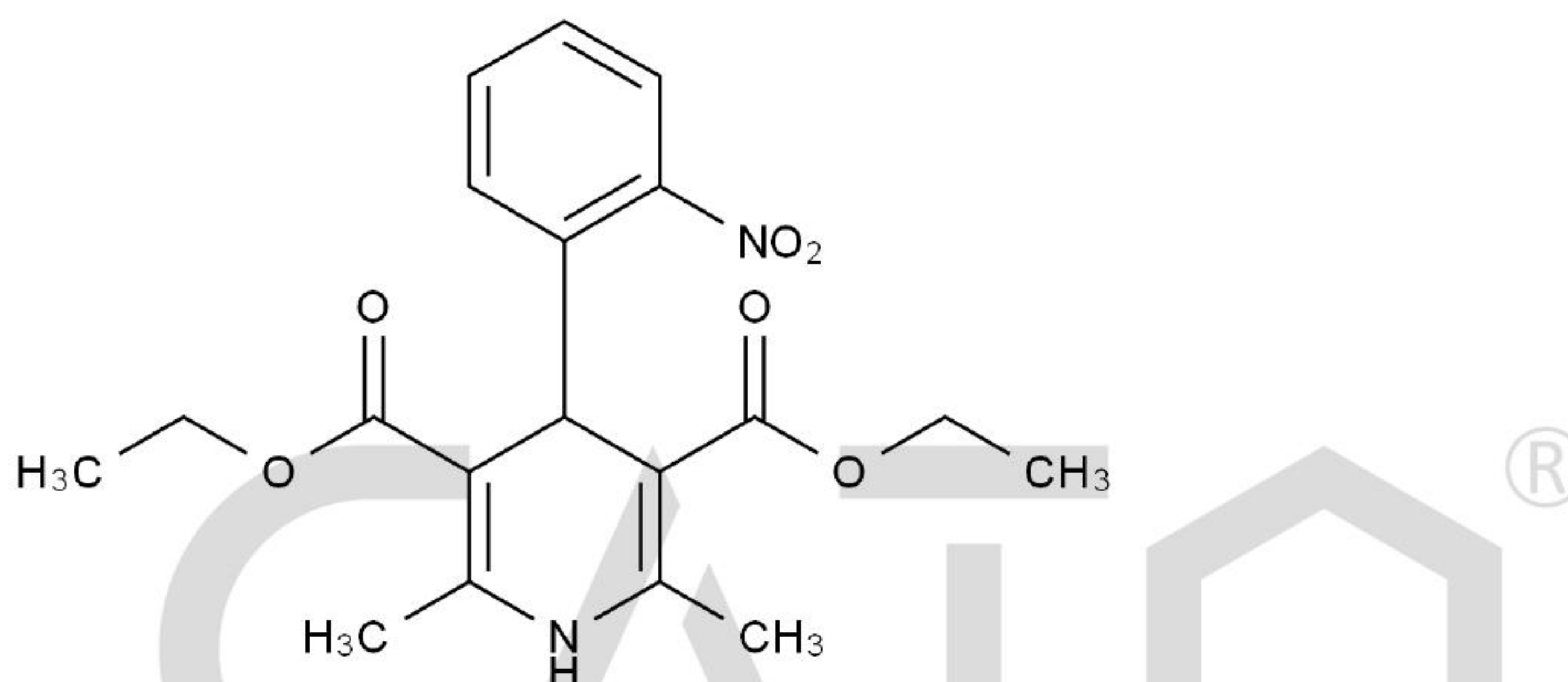


Certificate of Analysis

Reference Material & Standard

Product Name:	Nifedipine Impurity 5	Catalogue Number:	C4X-14105
Synonyms:	N/A	Lot Number:	0717-RE-0076
CAS Number:	21829-26-5	Expiry Date:	Jun 23, 2028
Molecular Formula:	C ₁₉ H ₂₂ N ₂ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	374.39		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.518%
Water Content	Karl Fischer	0.65%
Assay		98.9%

Comment:

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

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

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

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jul 02, 2025

Date: Jul 02, 2025

Date: Jul 02, 2025

