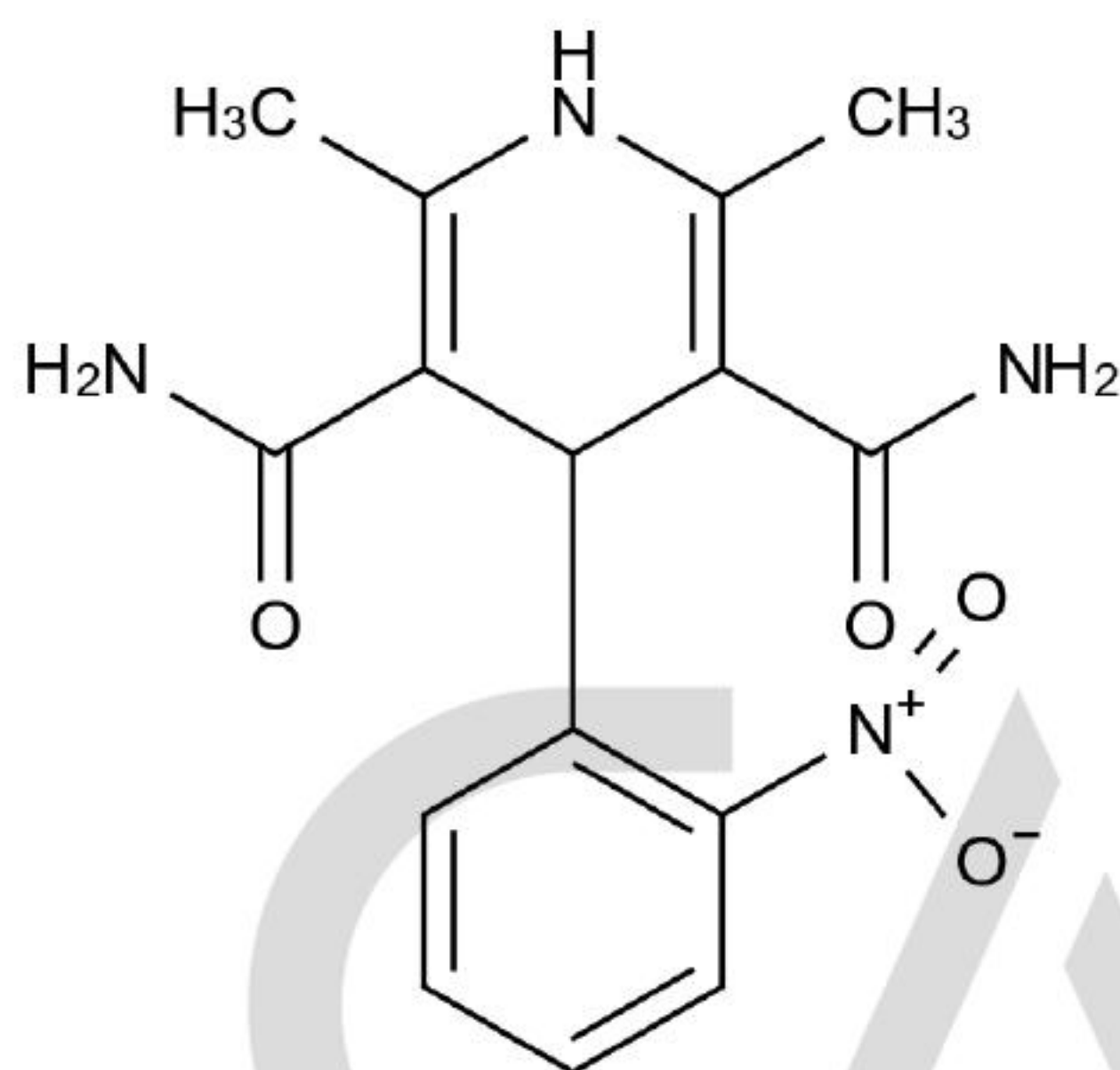


Certificate of Analysis

Reference Material & Standard

Product Name:	Nifedipine Impurity 29	Catalogue Number:	C4X-141029
Synonyms:	N/A	Lot Number:	0710-RG-0021
CAS Number:	N/A	Expiry Date:	Jul 13, 2029
Molecular Formula:	C ₁₅ H ₁₆ N ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	316.31		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.937%
Loss On Drying	TGA	0.9527%
Assay		95.0%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 14, 2025

Date: Jul 14, 2025

Date: Jul 14, 2025

