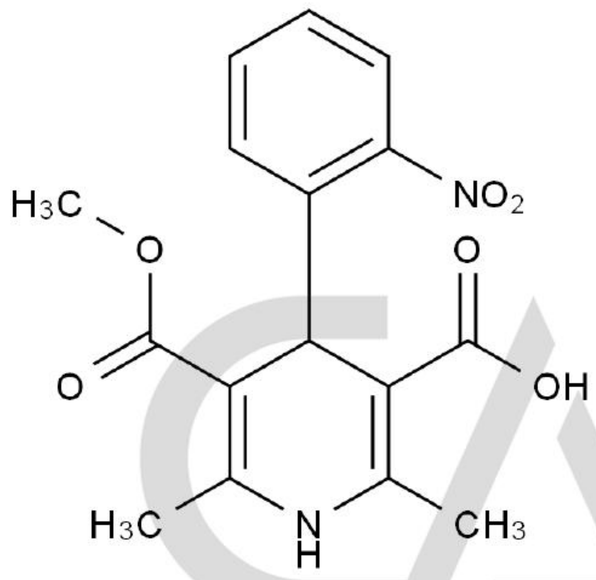
Certificate of Analysis

Reference Material & Standard

Product Name:	Nifedipine Impurity 8	**Catalogue Number:**	C4X-14108
Synonyms:	N/A	**Lot Number:**	1018-RH-0093
CAS Number:	74936-71-3	**Expiry Date:**	Oct 19, 2030
Molecular Formula:	$C_{16}H_{16}N_2O_6$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	332.31	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.638%
Loss on Drying	TGA	0.1434%
Assay	Mass Balance	98.5%

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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: Alice — Date: Oct 20, 2026

Reviewed by: Koi — Date: Oct 20, 2026

Approved by General Manager: David — Date: Oct 20, 2026

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