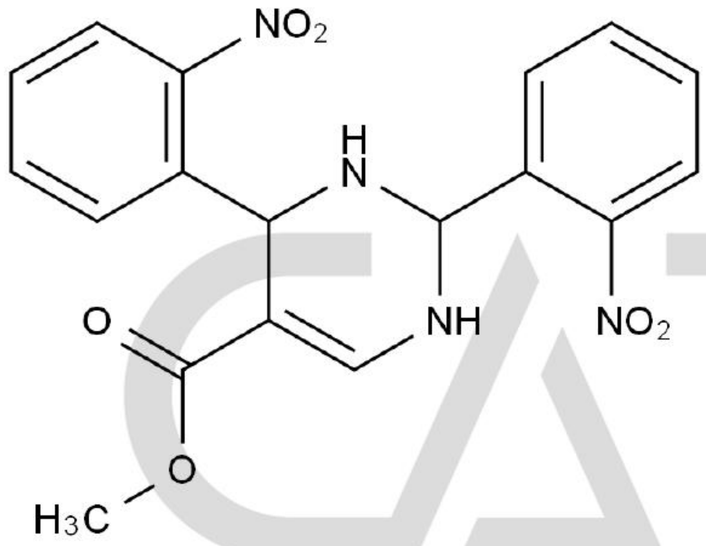
Certificate of Analysis

Reference Material & Standard

Product Name:	Nifedipine Impurity 17	**Catalogue Number:**	C4X-141017
Synonyms:	N/A	**Lot Number:**	1009-RH-0039
CAS Number:	N/A	**Expiry Date:**	Oct 21, 2027
Molecular Formula:	$C_{18}H_{16}N_4O_6$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	384.34	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	85.641%
Loss on Drying	TGA	0.0261%
Assay	Mass Balance	85.6%

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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 22, 2026

Reviewed by: Koi Date: Oct 22, 2026

Approved by General Manager: David Date: Oct 22, 2026

CATO Research Chemicals Inc.