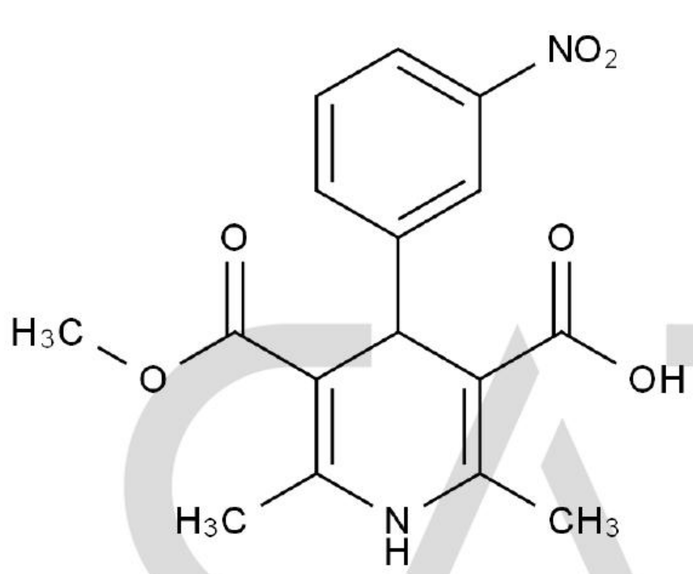
No.: 202407110056

Certificate of Analysis

Reference Material & Standard

Product Name:	Lercanidipine Impurity 9	**Catalogue Number:**	C4X-13649
Synonyms:	N/A	**Lot Number:**	0613-RD-0061
CAS Number:	74936-72-4	**Expiry Date:**	Jul 14, 2027
Molecular Formula:	C16H16N2O6	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	332.31	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.423%
Loss On Drying	TGA	0.1812%
Assay		99.2%

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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: Koji Date: Jul 15, 2024

Reviewed by: Lisa Date: Jul 15, 2024

Approved by General Manager: David Date: Jul 15, 2024

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