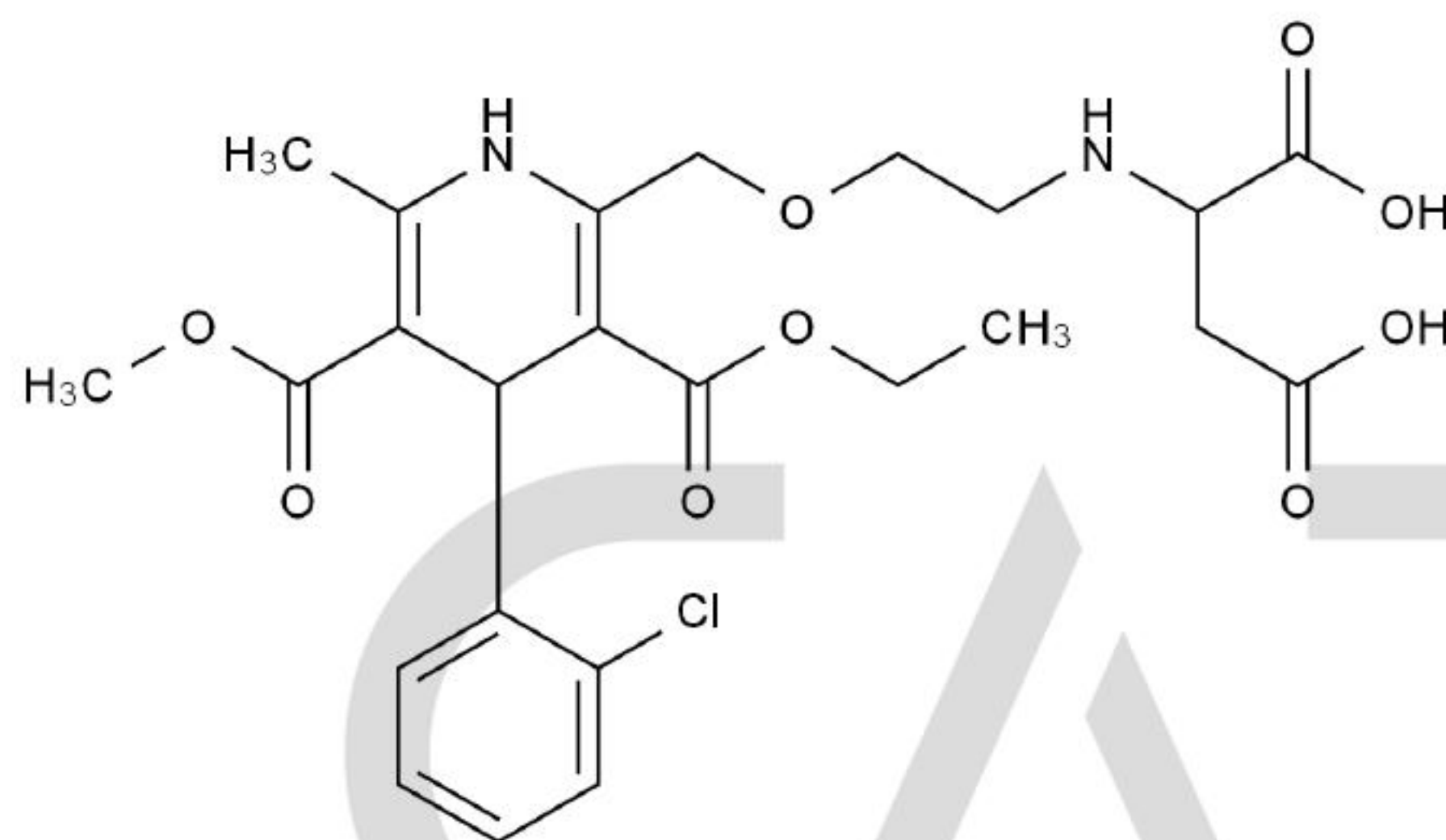


Certificate of Analysis

Reference Material & Standard

Product Name:	Amlodipine Aspartic Acid Impurity	Catalogue Number:	C4X-109521
Synonyms:	[2-[[4-(2-Chlorophenyl)-3-(ethoxycarbonyl)-5-(methoxycarbonyl)-6-methyl-1,4-dihydropyridin-2-yl]methoxy]ethyl]aspartic acid	Lot Number:	0819-RH-0019
CAS Number:	400602-35-9	Expiry Date:	Sep 07, 2030
Molecular Formula:	C ₂₄ H ₂₉ ClN ₂ O ₉	Storage:	-20°C±5°C Sealed
Molecular Weight:	524.95	Shipping Condition:	Shipping with Ice Packs
Solubility:	Soluble in DMSO	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	94.681%
Residue on Ignition	TGA	0.5261%
Loss on Drying	TGA	2.6059%
Assay	qNMR	91.6%
Assay	Mass Balance	91.7%

Comment:

- The retest date of this product is Sep 07, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Sep 08, 2026

Date: Sep 08, 2026

Date: Sep 08, 2026

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