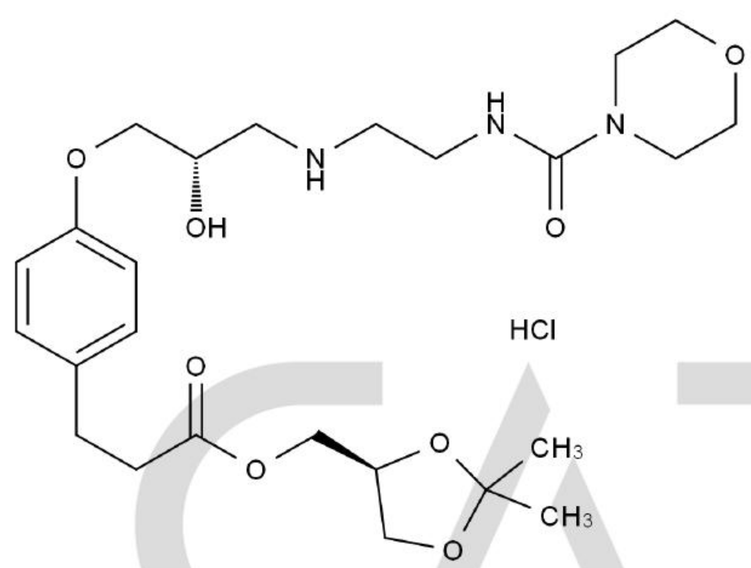
Certificate of Analysis

Reference Material & Standard

Product Name:	Landiolol Hydrochloride	**Catalogue Number:**	C4X-2621
Synonyms:	N/A	**Lot Number:**	0403-RG-0040
CAS Number:	144481-98-1	**Expiry Date:**	Apr 10, 2028
Molecular Formula:	C25H39N3O8 HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	509.59 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.951%
Residue on Ignition	TGA	0.0301%
Loss On Drying	TGA	0.0249%
Assay		98.9%

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Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Residue on Ignition-Loss On Drying) * 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: Alice — Date: Apr 11, 2025

Reviewed by: Koi — Date: Apr 11, 2025

Approved by General Manager: David — Date: Apr 11, 2025

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