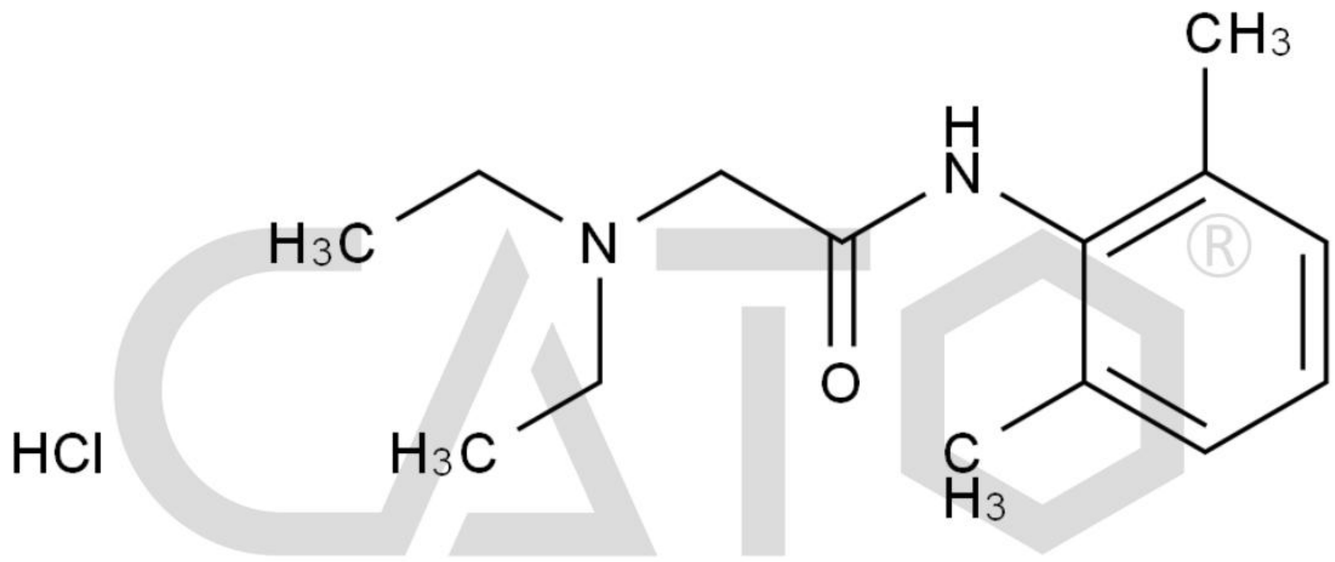
Certificate of Analysis

Reference Material & Standard

Product Name:	Lidocaine Hydrochloride	**Catalogue Number:**	CP146261
Synonyms:	N/A	**Lot Number:**	0307-RE-0048
CAS Number:	73-78-9	**Expiry Date:**	Oct 26, 2030
Molecular Formula:	$C_{14}H_{22}N_2O$ HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	234.34 36.46	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.7711%
Loss on Drying	TGA	5.9904%
Assay	qNMR	93.0%
Assay (Assigned Value)	Mass Balance	93.2%

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Comment:

The calculation of the mass balance 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: Oct 30, 2026

Reviewed by: Koi — Date: Nov 02, 2026

Approved by General Manager: David — Date: Nov 02, 2026

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