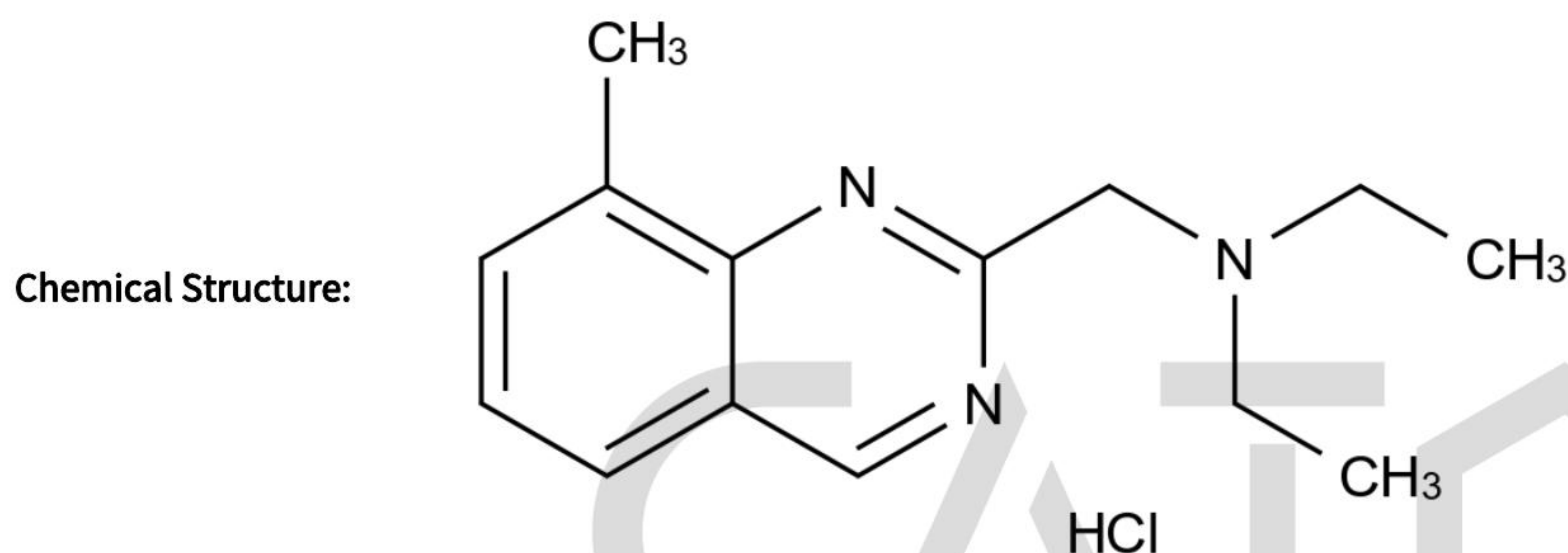


Certificate of Analysis

Reference Material & Standard

Product Name:	Lidocaine Impurity 68	Catalogue Number:	C4X-167968
Synonyms:	N/A	Lot Number:	0328-RG-0056
CAS Number:	N/A	Expiry Date:	Mar 10, 2027
Molecular Formula:	C ₁₄ H ₁₉ N ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	229.32 36.46		



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.804%
Water Content	Karl Fischer	0.38%
Residual Solvents	NMR	0.93% ethyl acetate
Assay		98.5%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Mar 31, 2025

Date: Mar 31, 2025

Date: Mar 31, 2025

