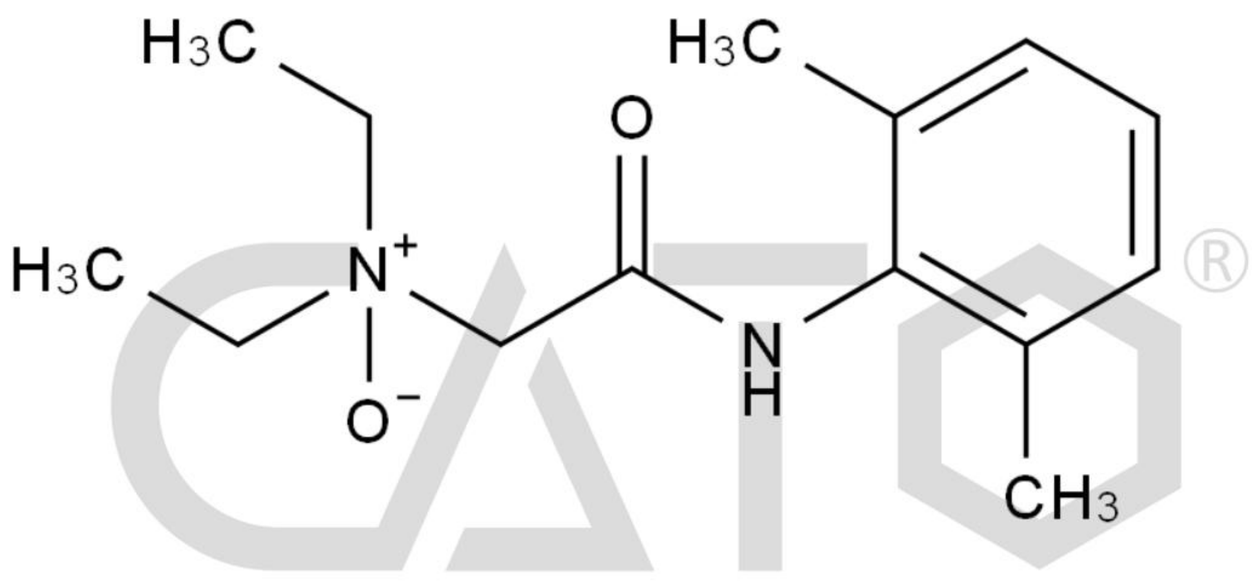
Certificate of Analysis

Reference Material & Standard

Product Name:	Lidocaine EP Impurity B	**Catalogue Number:**	C4X-16792
Synonyms:	Lidocaine N-Oxide	**Lot Number:**	0929-RH-0099
CAS Number:	2903-45-9	**Expiry Date:**	Oct 07, 2030
Molecular Formula:	$C_{14}H_{22}N_2O_2$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	250.34	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.6%
Assay	qNMR	95.1%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Oct 08, 2026

Reviewed by: Koi Date: Oct 08, 2026

Approved by General Manager: David Date: Oct 08, 2026

CATO Research Chemicals Inc.