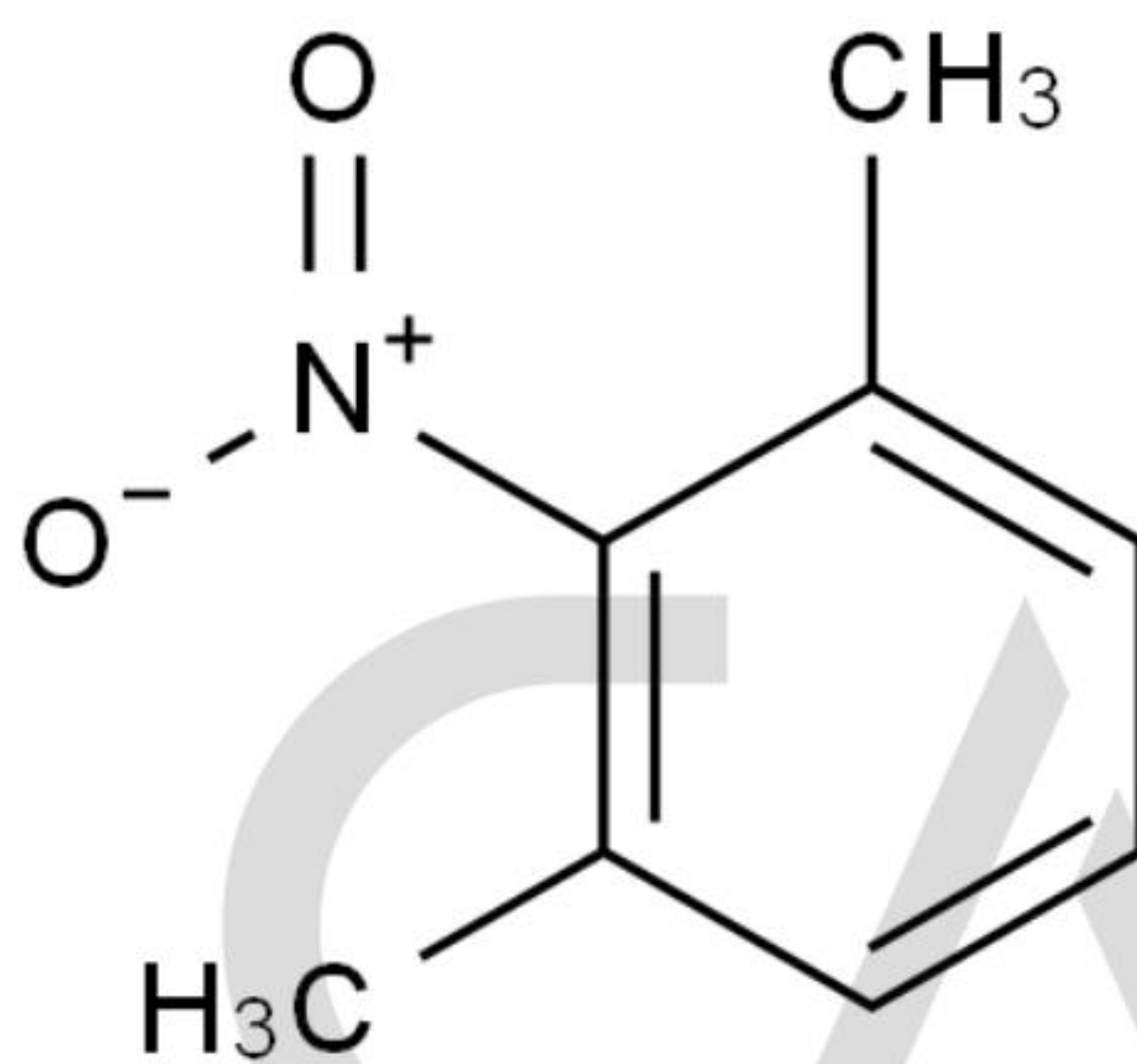


Certificate of Analysis

Reference Material & Standard

Product Name:	Lidocaine Impurity 49	Catalogue Number:	C4X-167949
Synonyms:	2,6-Dimethylnitrobenzene	Lot Number:	0122-RC-0041
CAS Number:	81-20-9	Expiry Date:	Apr 20, 2028
Molecular Formula:	C ₈ H ₉ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	151.16	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&CNMR&HNMR	Confirmed
Purity	GC	100.0%
Water Content	Karl Fischer	0.0805%
Assay		99.9%

Comment:

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

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 21, 2025

Date: Apr 21, 2025

Date: Apr 21, 2025

