

Certificate of Analysis

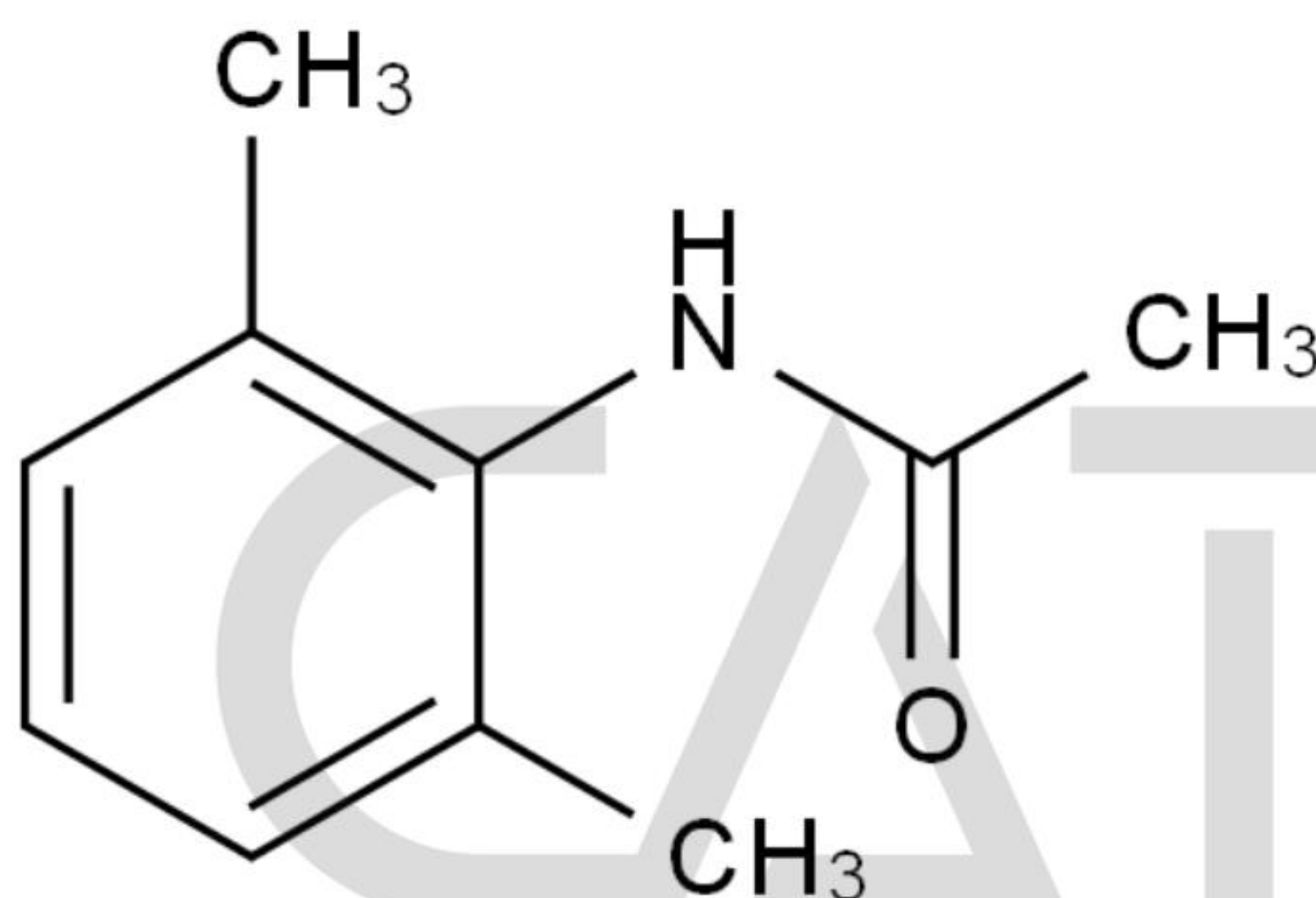
Reference Material & Standard

Product Name:	Lidocaine EP Impurity C	Catalogue Number:	C4X-16793
Synonyms:	N/A	Lot Number:	0805-RA-0005
CAS Number:	2198-53-0	Expiry Date:	Jul 12, 2030
Molecular Formula:	C ₁₀ H ₁₃ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	163.22	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.5125%
Assay		99.5%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 13, 2026

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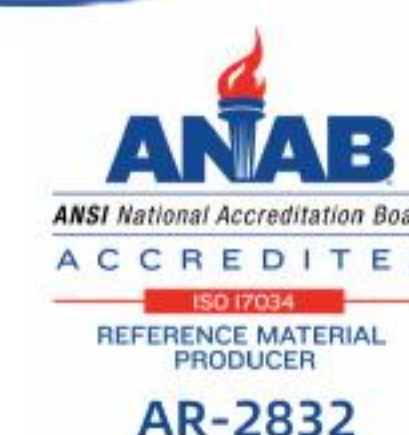
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Page 1 of 9



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