

Certificate of Analysis

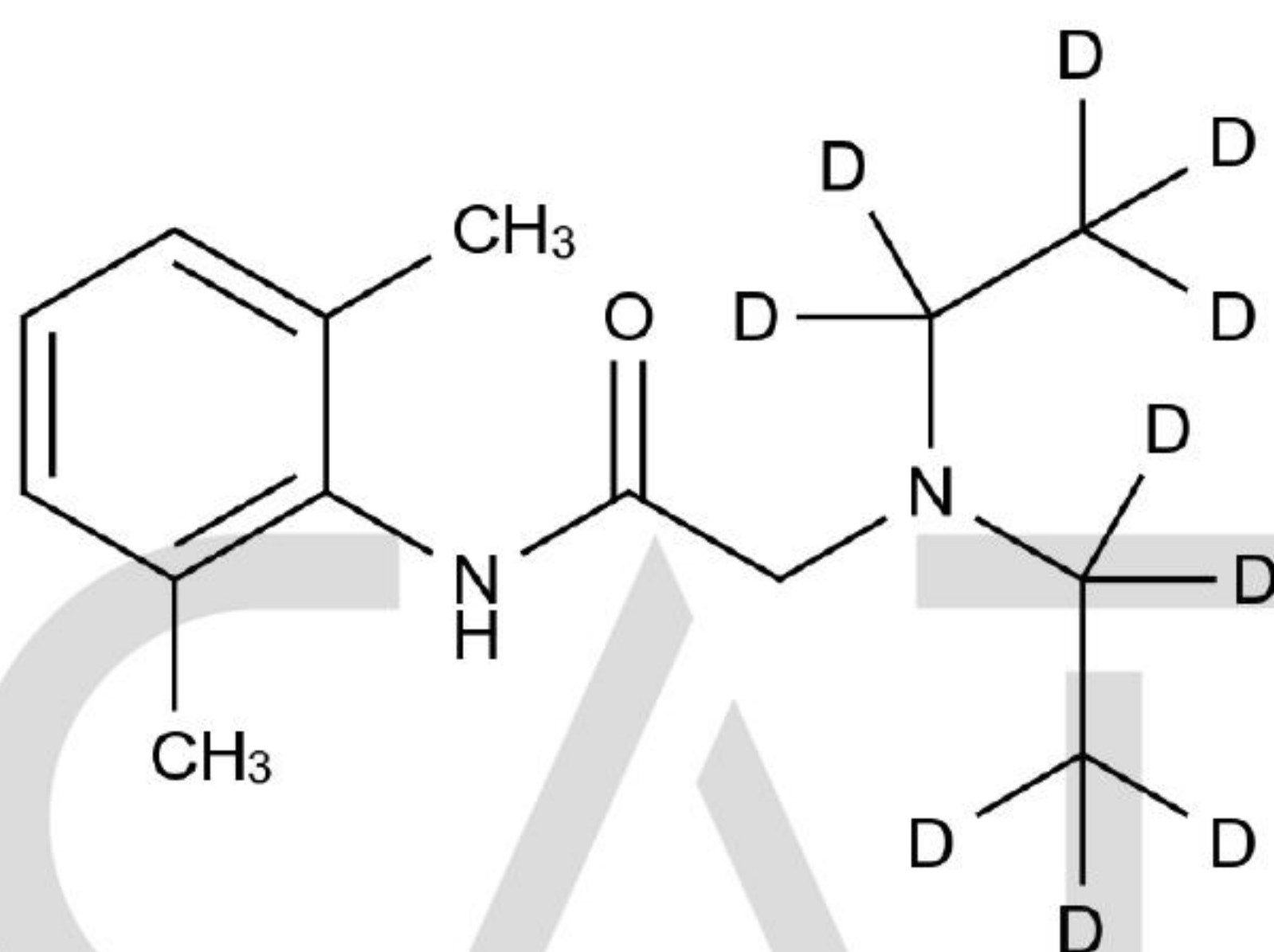
Reference Material & Standard

Product Name:	Lidocaine-d10 Hydrochloride	Catalogue Number:	CCAD303947
Synonyms:	N/A	Lot Number:	1125-RF-0032
CAS Number:	1189959-13-4	Expiry Date:	Oct 21, 2027
Molecular Formula:	C ₁₄ H ₁₂ D ₁₀ N ₂ O HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	244.40 36.46	Warning:	



Chemical Structure:

HCl



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	HNMR	Confirmed
Chemical Purity	HPLC	99.8%
Isotopic Purity		99.6%
Uncertainty		±2.0%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

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Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Nov 27, 2024

Date: Nov 27, 2024

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