

Certificate of Analysis

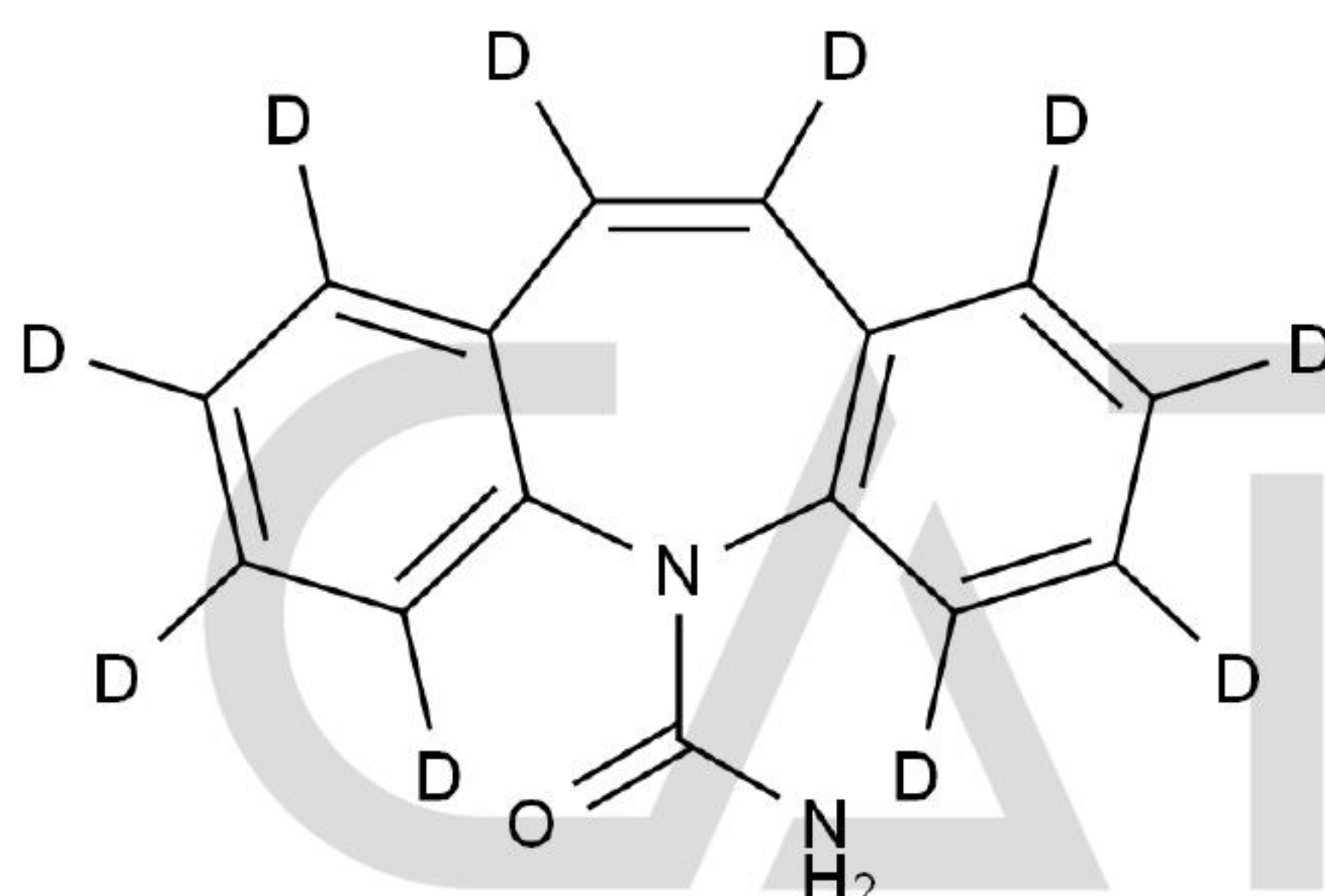
Reference Material & Standard

Product Name:	Carbamazepine-d10	Catalogue Number:	CCAD301912
Synonyms:	N/A	Lot Number:	0621-RF-0026
CAS Number:	132183-78-9	Expiry Date:	Jun 18, 2027
Molecular Formula:	C ₁₅ H ₂ D ₁₀ N ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	246.33	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS	Confirmed
Chemical Purity	HPLC	99.2%
Isotopic Purity		98.2%
Uncertainty		±0.2%

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:

Reviewed by:

Approved by General Manager:

Date: Mar 03, 2026

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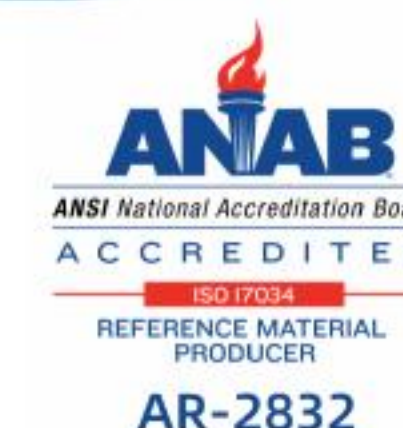
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