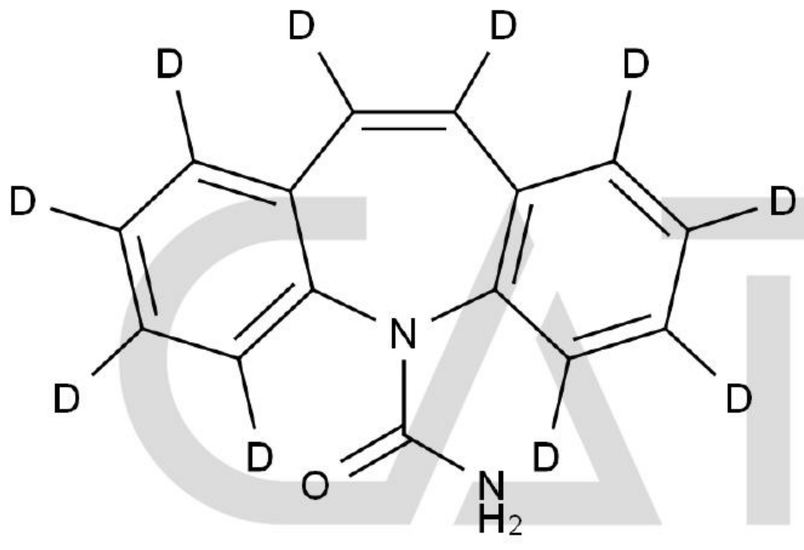
Certificate of Analysis

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:**	Nov 18, 2027
Molecular Formula:	$C_{15}H_2D_{10}N_2O$	**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%

CATO Research Chemicals Inc.

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: Lisa Date: Oct 23, 2026

Reviewed by: Hinlam Date: Oct 23, 2026

Approved by General Manager: David Date: Oct 23, 2026

CATO Research Chemicals Inc.