

Certificate of Analysis

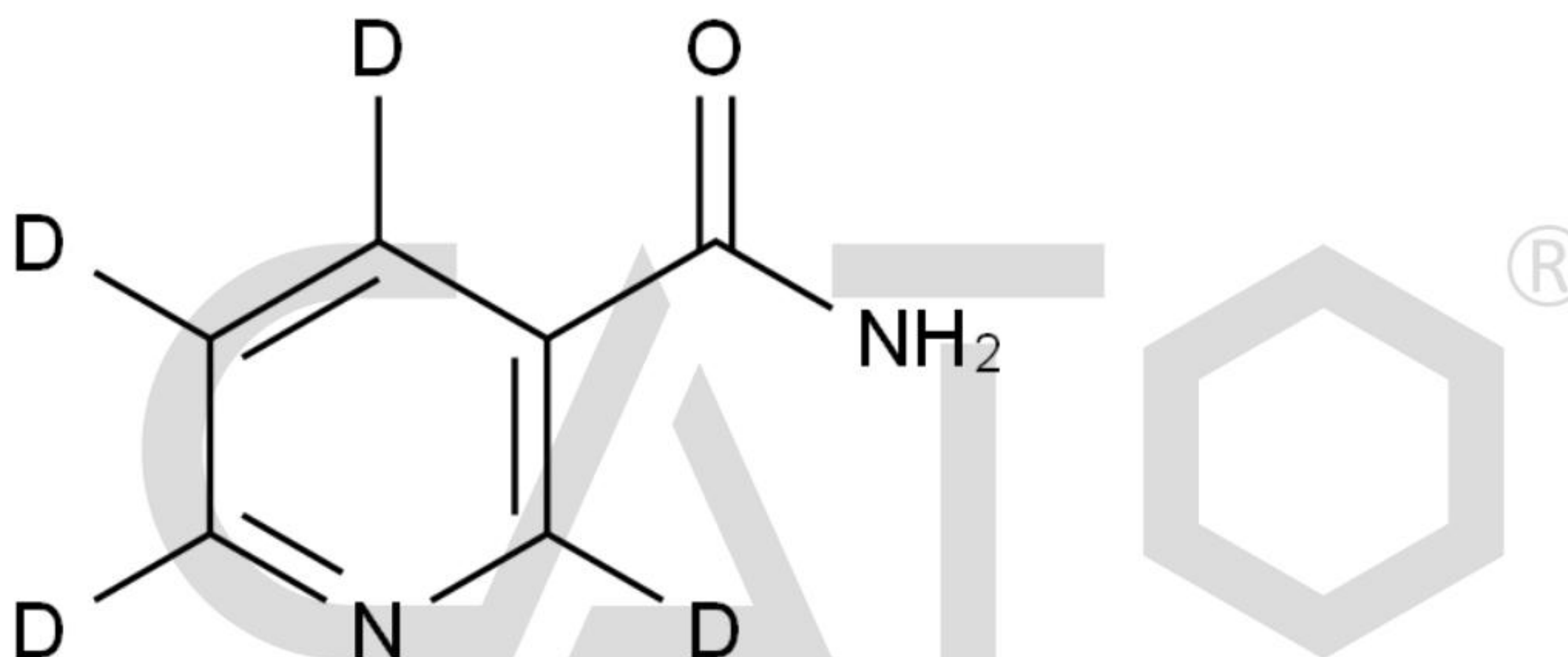
Reference Material & Standard

Product Name:	Nicotinamide-2,4,5,6-d4	Catalogue Number:	CCFD200902
Synonyms:	N/A	Lot Number:	0917-RH-0034
CAS Number:	347841-88-7	Expiry Date:	Dec 14, 2029
Molecular Formula:	C ₆ H ₂ D ₄ N ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	126.15	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	100.0%
Isotopic Purity		98.80%(D4: 95.70%; D3: 4.30%)
Uncertainty		±0.1%

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

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Sep 17, 2026

Date: Sep 18, 2026

Date: Sep 18, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

