

Certificate of Analysis

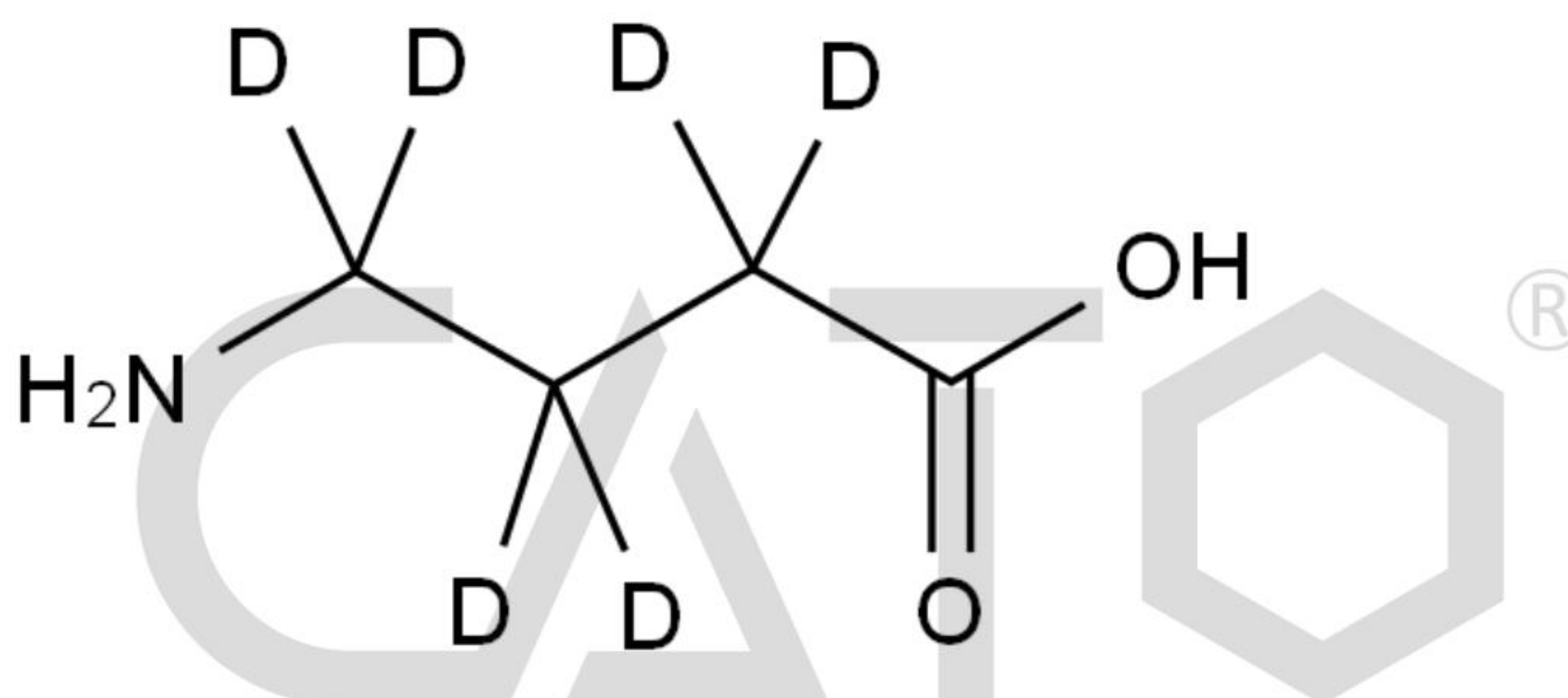
Reference Material & Standard

Product Name:	4-Aminobutyric Acid-d6	Catalogue Number:	CCHM704131
Synonyms:	N/A	Lot Number:	0724-RH-0039
CAS Number:	70607-85-1	Expiry Date:	Jan 06, 2030
Molecular Formula:	C ₄ H ₃ D ₆ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	109.16	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	NMR	98.0%
Isotopic Purity		98.02%(D6: 92.29%; D5: 5.63%; D4: 0.79%; D3: 0.47%; D2: 0.82%)
Uncertainty		±0.4%

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: Jul 24, 2026

Date: Jul 27, 2026

Date: Jul 27, 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>

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