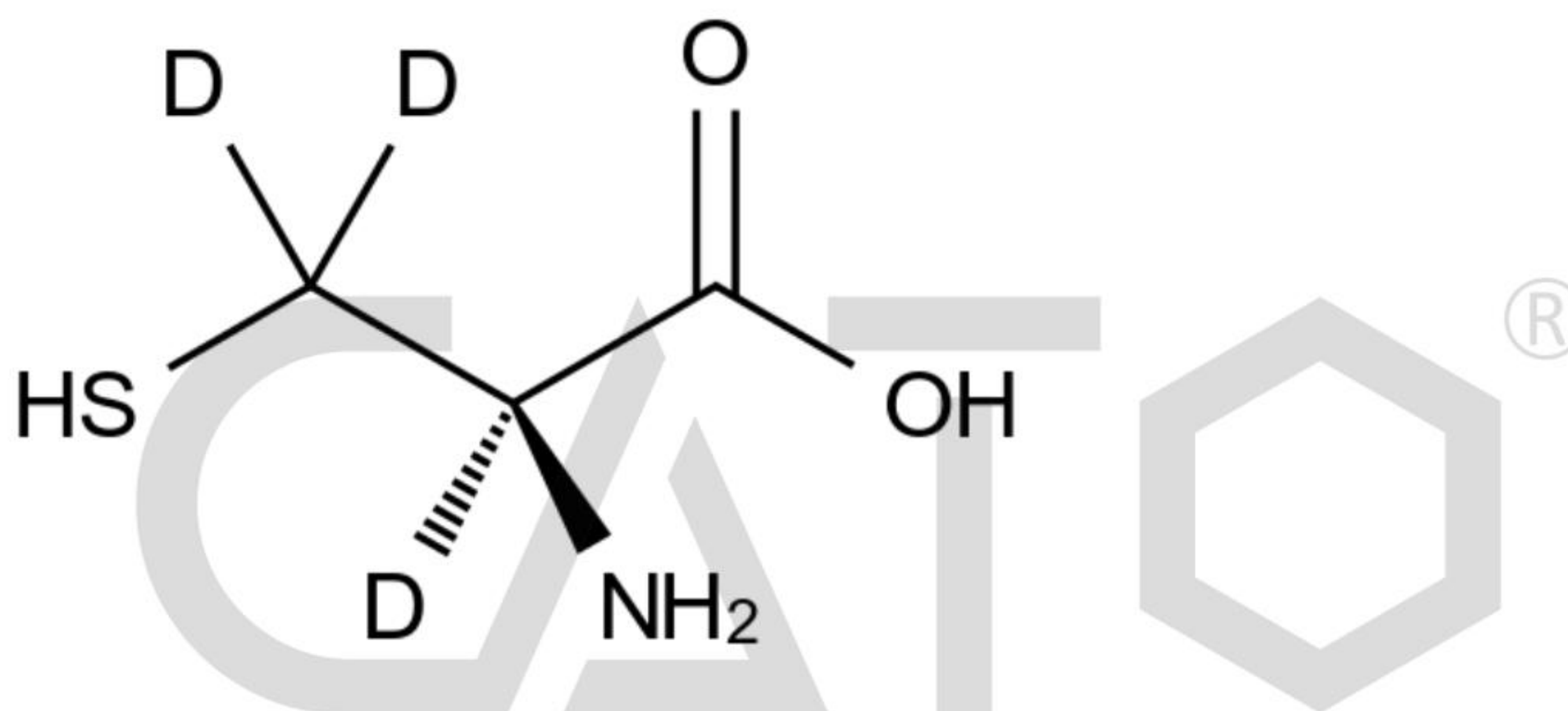


Certificate of Analysis

Reference Material & Standard

Product Name:	L-Cysteine-D3	Catalogue Number:	CCFD202051
Synonyms:	N/A	Lot Number:	1215-RG-0120
CAS Number:	214782-32-8	Expiry Date:	Jun 19, 2027
Molecular Formula:	C ₃ H ₄ D ₃ NO ₂ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	124.18	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity		98.3%
Isotopic Purity		99.9%
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:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Dec 30, 2025

Date: Dec 30, 2025

Date: Dec 30, 2025



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