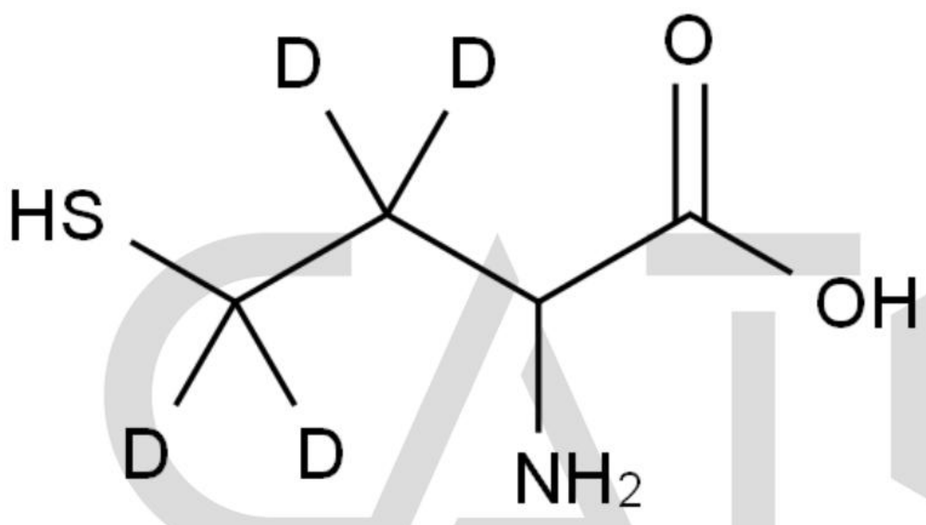
Certificate of Analysis

Reference Material & Standard

Product Name:	DL-Homocysteine-d4	**Catalogue Number:**	C4X-153243
Synonyms:	N/A	**Lot Number:**	0824-RH-0102
CAS Number:	416845-90-4	**Expiry Date:**	Jun 19, 2030
Molecular Formula:	$C_4H_5D_4NO_2S$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	139.21	**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	ELSD	98.0%
Isotopic Purity		98.1%

CATO Research Chemicals Inc.

Signature:

Prepared by: Reviewed by: Approved by General Manager:

Date: Aug 25, 2026 Date: Aug 25, 2026 Date: Aug 25, 2026