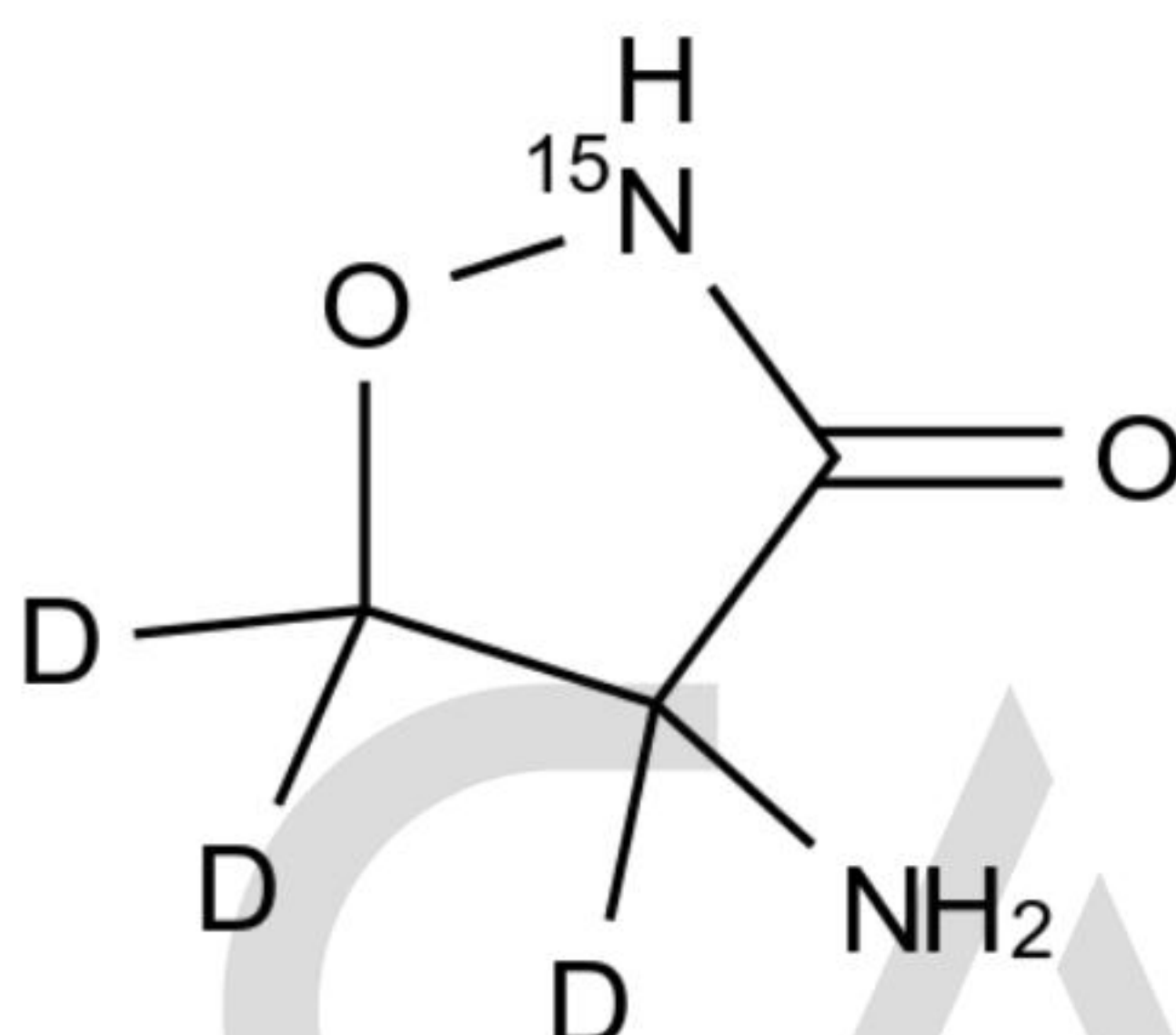


Certificate of Analysis

Reference Material & Standard

Product Name:	rac Cycloserine-15N,d3	Catalogue Number:	CCHM705660
Synonyms:	N/A	Lot Number:	0721-RE-0015
CAS Number:	1219176-26-7	Expiry Date:	Oct 13, 2026
Molecular Formula:	C3H3D3N[15N]O2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	106.10		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow to Pale Brown Solid
Identification	LCMS&CNMR&HNMR&NNMR	Confirmed
Chemical Purity	ELSD	100.0%
Isotopic Purity		98.4%
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:

Hinlam

Aporoved by General Manager:

David

Date: Jul 25, 2023

Date: Jul 25, 2023

Date: Jul 25, 2023

