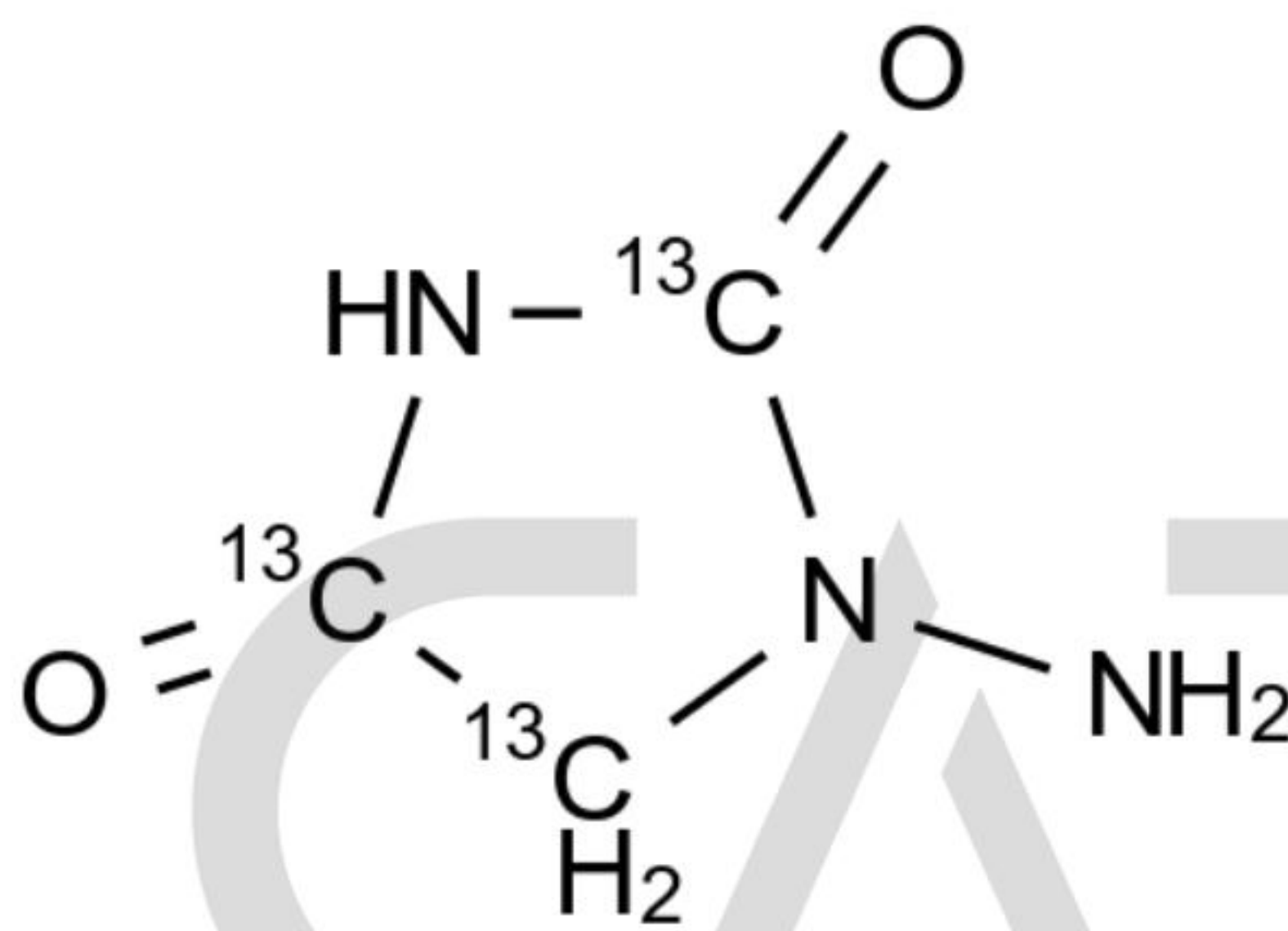


Certificate of Analysis

Reference Material & Standard

Product Name:	1-Amino Hydantoin-13C3	Catalogue Number:	CCAD300655
Synonyms:	N/A	Lot Number:	0411-RF-0068
CAS Number:	957509-31-8	Expiry Date:	Mar 05, 2029
Molecular Formula:	[13C]3H5N3O2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	118.07	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Crystalline Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.8%
Isotopic Purity		98.0%
Residual Solvents	NMR	0.3% ethanol
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:

Nice

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Mar 06, 2025

Date: Mar 06, 2025

Date: Mar 06, 2025

