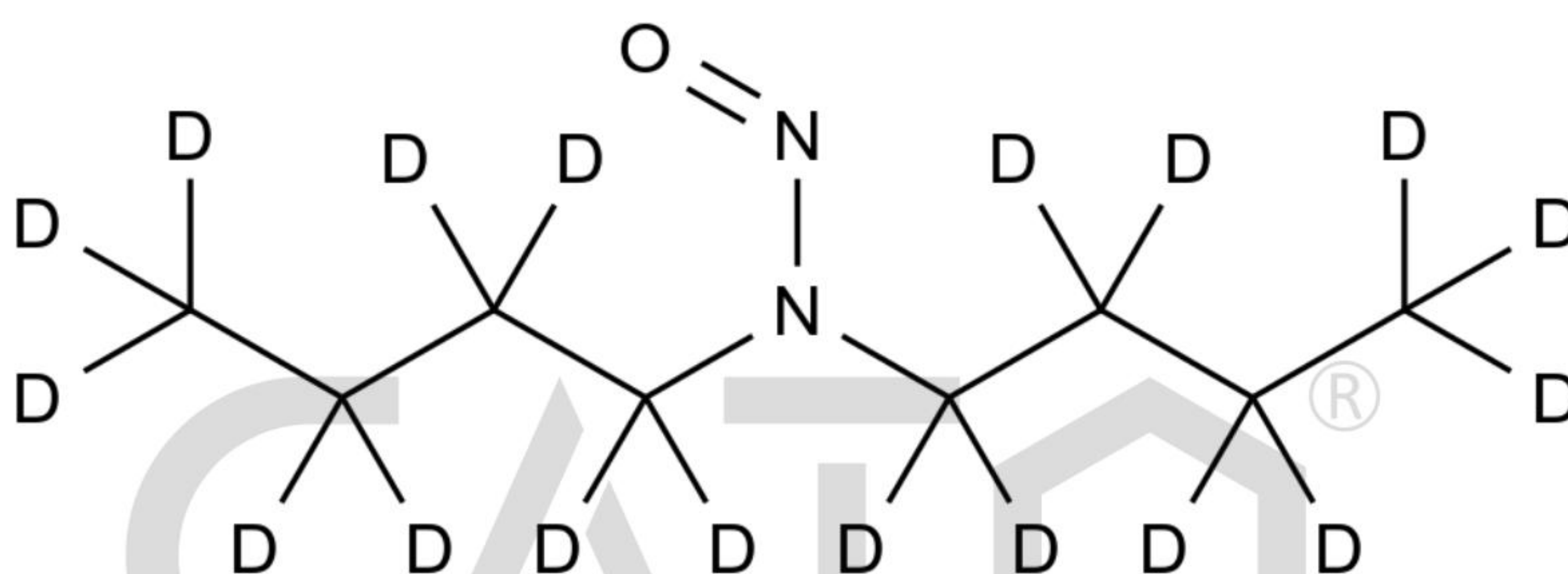


Certificate of Analysis

Reference Material & Standard

Product Name:	N-Nitroso-Di-n-Butylamine-d18	Catalogue Number:	CCEM500924
Synonyms:	N/A	Lot Number:	0411-RE-0017
CAS Number:	1219798-82-9	Expiry Date:	Jan 09, 2027
Molecular Formula:	C ₈ D ₁₈ N ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	176.35		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless to Yellow Oil
Identification	HNMR	Confirmed
Chemical Purity	GC	99.2%
Isotopic Purity		99.6%
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: Mar 14, 2024

Date: Mar 14, 2024

Date: Mar 14, 2024

