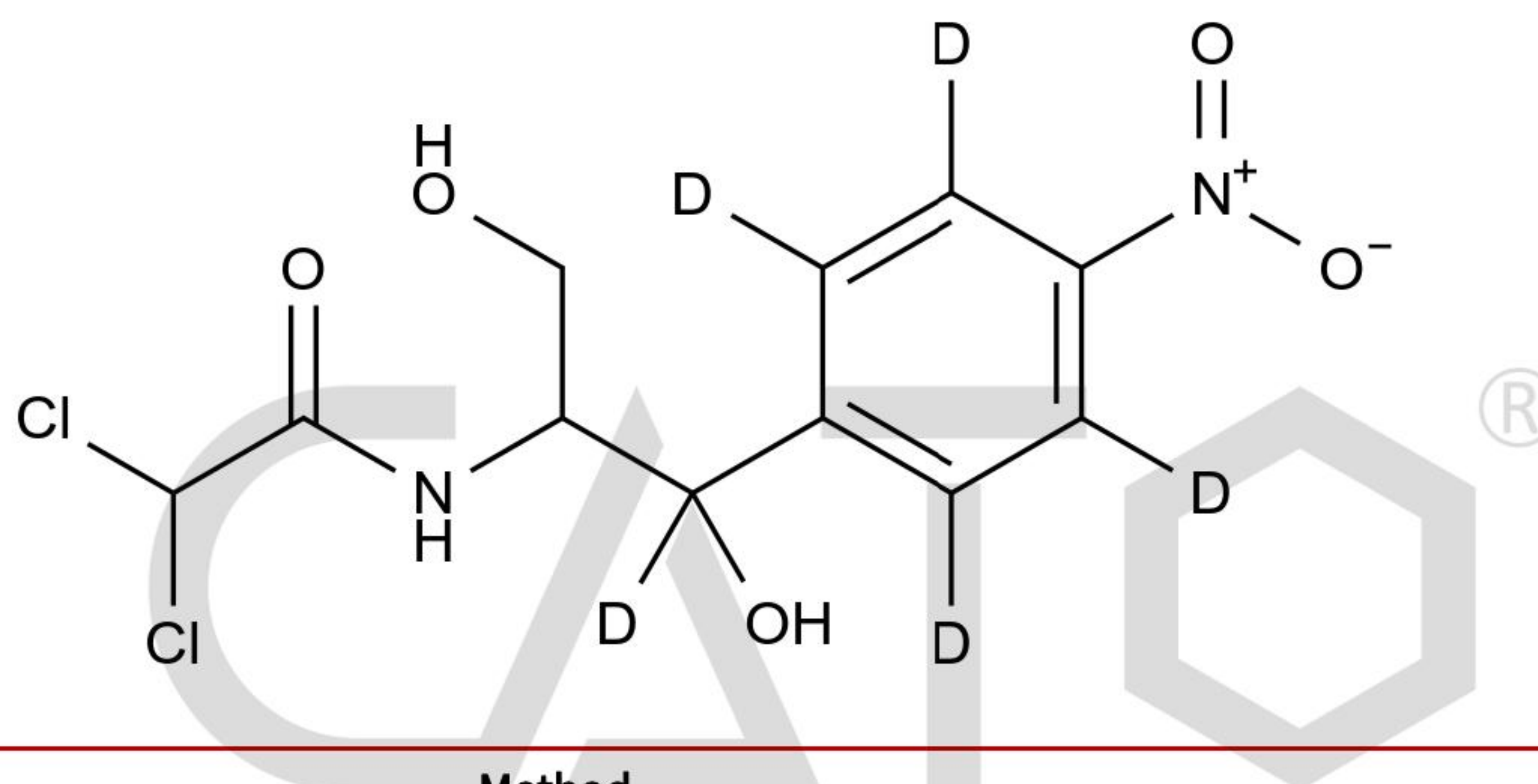


Certificate of Analysis

Reference Material & Standard

Product Name:	DL-threo-Chloramphenicol-d5	Catalogue Number:	CCAD303713
Synonyms:	N/A	Lot Number:	0708-RF-0055
CAS Number:	1420043-66-8	Expiry Date:	Feb 26, 2028
Molecular Formula:	C ₁₁ H ₇ D ₅ Cl ₂ N ₂ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	328.16		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.6%
Isotopic Purity		98.4%
Uncertainty		±2.0%

Comment:

1. Catalogue Number has been changed from "CCAD300661" to "CCAD303713". Therefore some of the graphs shown below were named by "CCAD300661".
2. 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

Approved by General Manager:

David

Date: Jan 16, 2025

Date: Jan 17, 2025

Date: Jan 17, 2025

