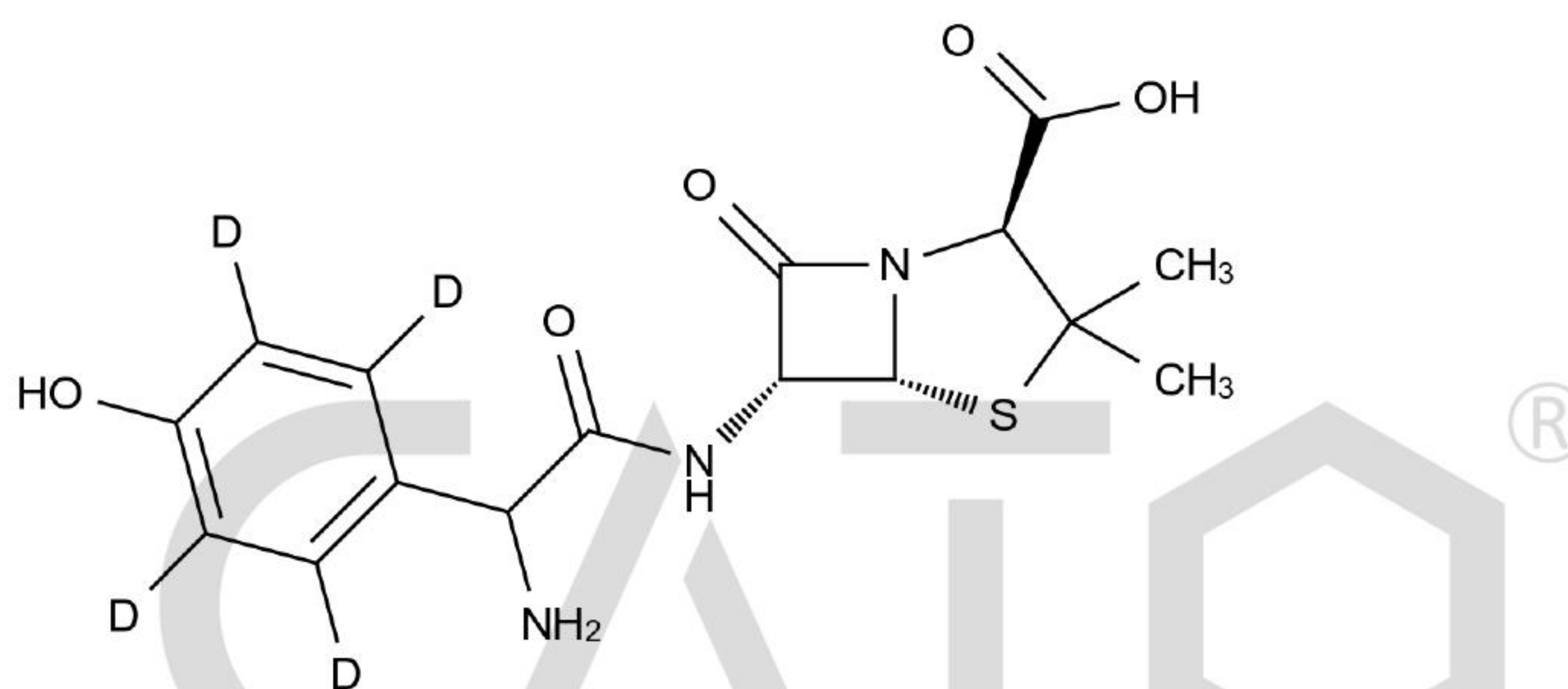


Certificate of Analysis

Reference Material & Standard

Product Name:	Amoxicillin-D4	Catalogue Number:	CCAD304004
Synonyms:	N/A	Lot Number:	0409-RG-0026
CAS Number:	N/A	Expiry Date:	Dec 02, 2026
Molecular Formula:	C ₁₆ H ₁₅ D ₄ N ₃ O ₅ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	369.43		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.2%
Isotopic Purity		98.5%
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

Approved by General Manager:

David

Date: Apr 09, 2025

Date: Apr 09, 2025

Date: Apr 09, 2025

