

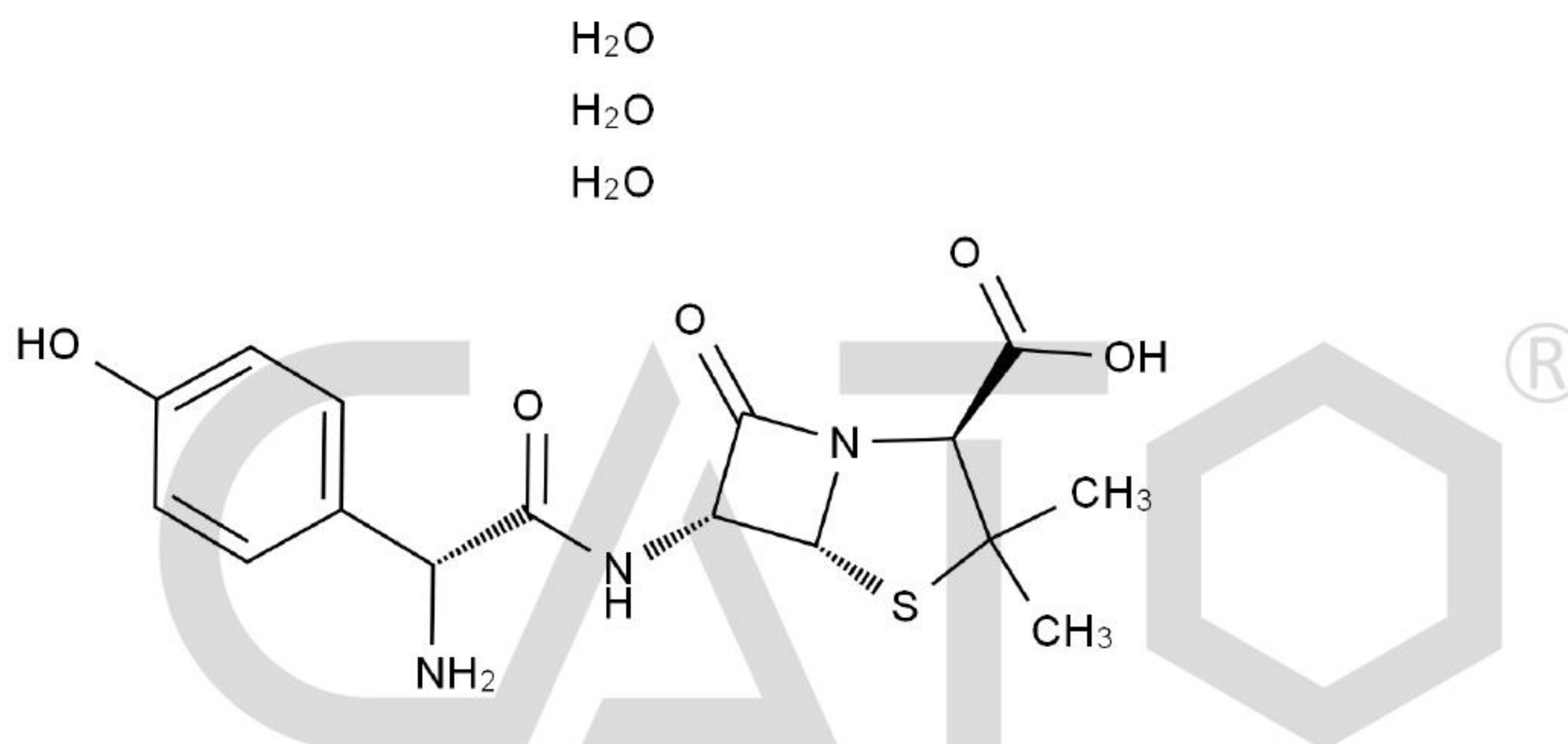
Certificate of Analysis

Reference Material & Standard

Product Name:	Amoxicillin Trihydrate	Catalogue Number:	CCAD300064
Synonyms:	N/A	Lot Number:	0225-RG-0042
CAS Number:	61336-70-7	Expiry Date:	Mar 09, 2029
Molecular Formula:	C ₁₆ H ₁₉ N ₃ O ₅ S · 3H ₂ O	Storage:	-20°C ± 5°C Protected from light and Sealed
Molecular Weight:	365.40 · 3 · 18.02	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.0%
Assay	qNMR	97.0%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Mar 10, 2025

Date: Mar 10, 2025

Date: Mar 10, 2025

