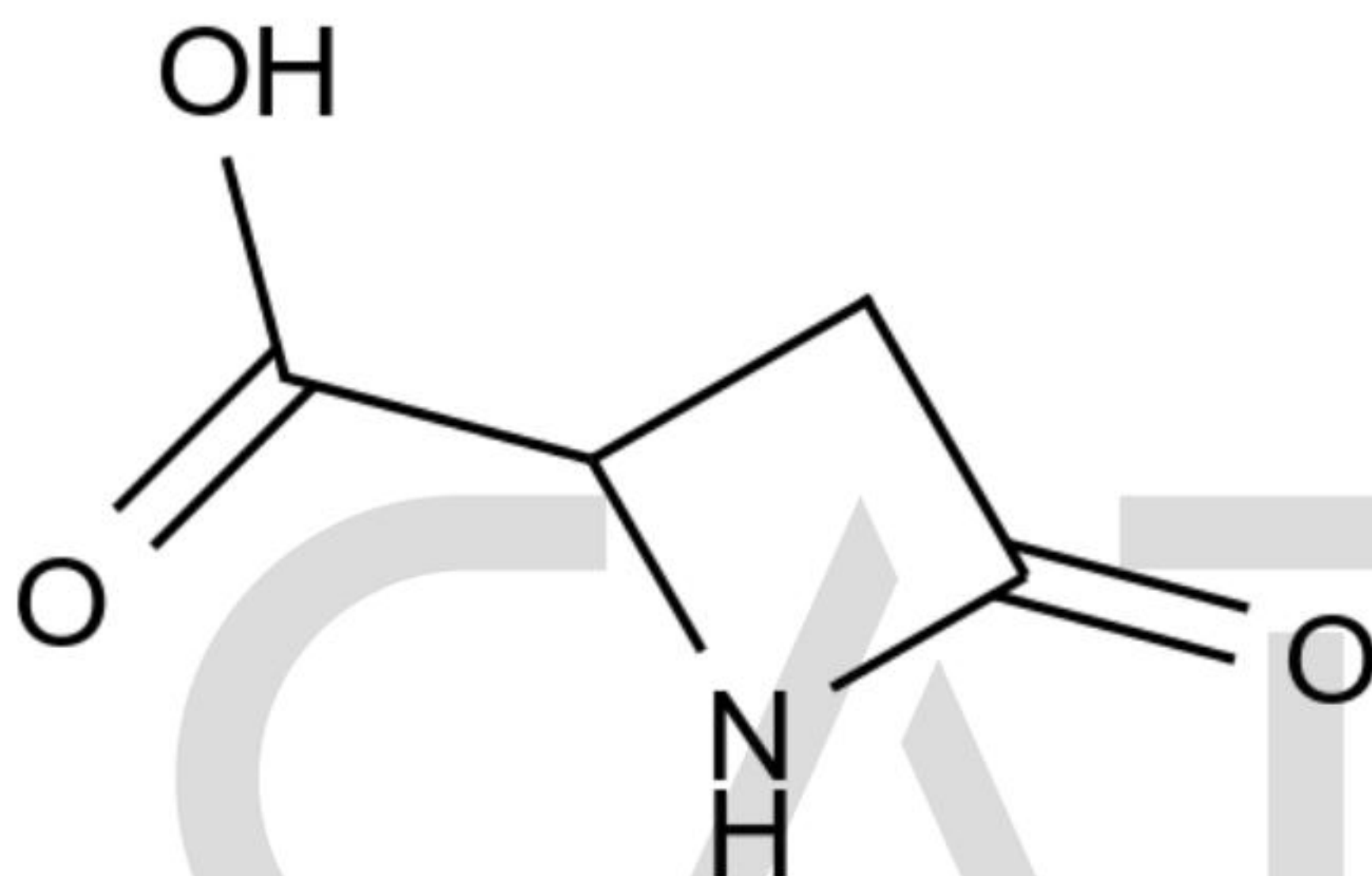


Certificate of Analysis

Reference Material & Standard

Product Name:	4-Oxo-2-azetidinecarboxylic acid	Catalogue Number:	C1731118
Synonyms:	N/A	Lot Number:	0224-RG-0098
CAS Number:	98019-65-9	Expiry Date:	Mar 10, 2029
Molecular Formula:	C ₄ H ₅ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	115.09	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Assay	qNMR	98.6%
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 11, 2025

Date: Mar 11, 2025

Date: Mar 11, 2025

