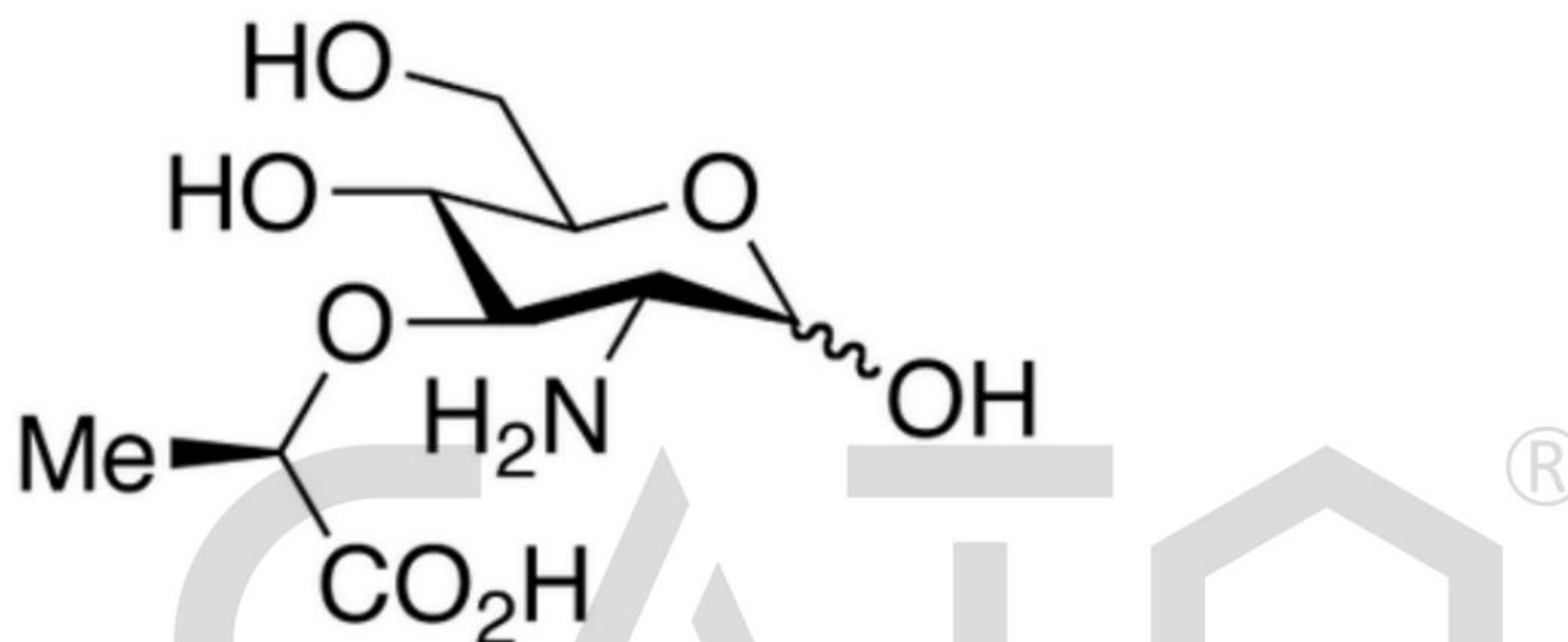


Certificate of Analysis

Reference Material & Standard

Product Name:	Muramic Acid	Catalogue Number:	CCHM704599
Synonyms:	N/A	Lot Number:	0130-RF-0029
CAS Number:	1114-41-6	Expiry Date:	Mar 01, 2026
Molecular Formula:	C ₉ H ₁₇ NO ₇	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	251.24		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.4%
Uncertainty		±2.0%

Comment:

1. Isomer Mixture.
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

Aporoved by General Manager:

David

Date: Jan 31, 2024

Date: Feb 01, 2024

Date: Feb 01, 2024

