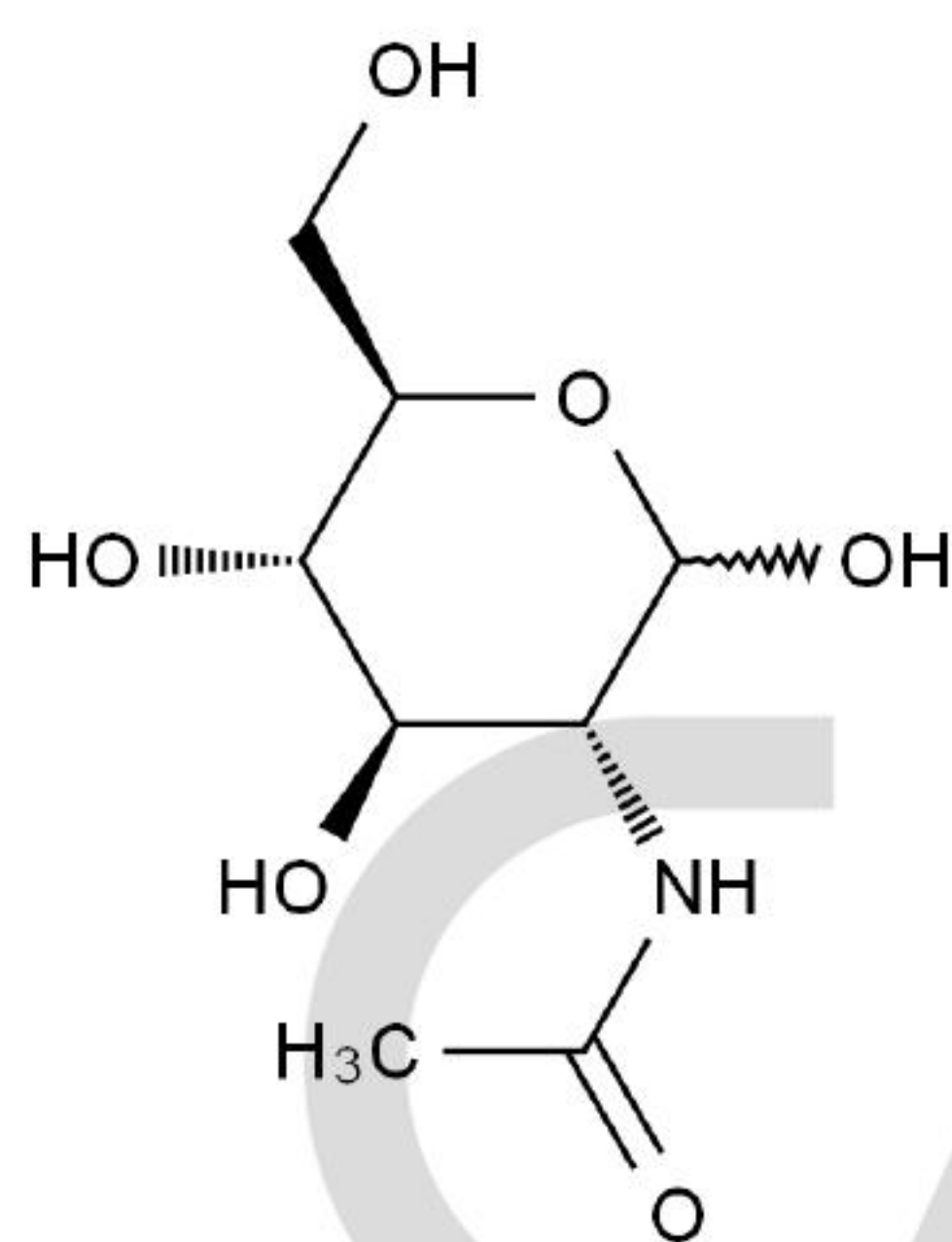


Certificate of Analysis

Reference Material & Standard

Product Name:	Glucosamine Sulfate EP Impurity A	Catalogue Number:	C4X-19461
Synonyms:	N/A	Lot Number:	0310-RG-0155
CAS Number:	7512-17-6	Expiry Date:	Mar 09, 2028
Molecular Formula:	C ₈ H ₁₅ NO ₆	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	221.21		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	ELSD	100.0%
Assay	qNMR	99.5%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Mar 10, 2025

Date: Mar 11, 2025

Date: Mar 11, 2025

