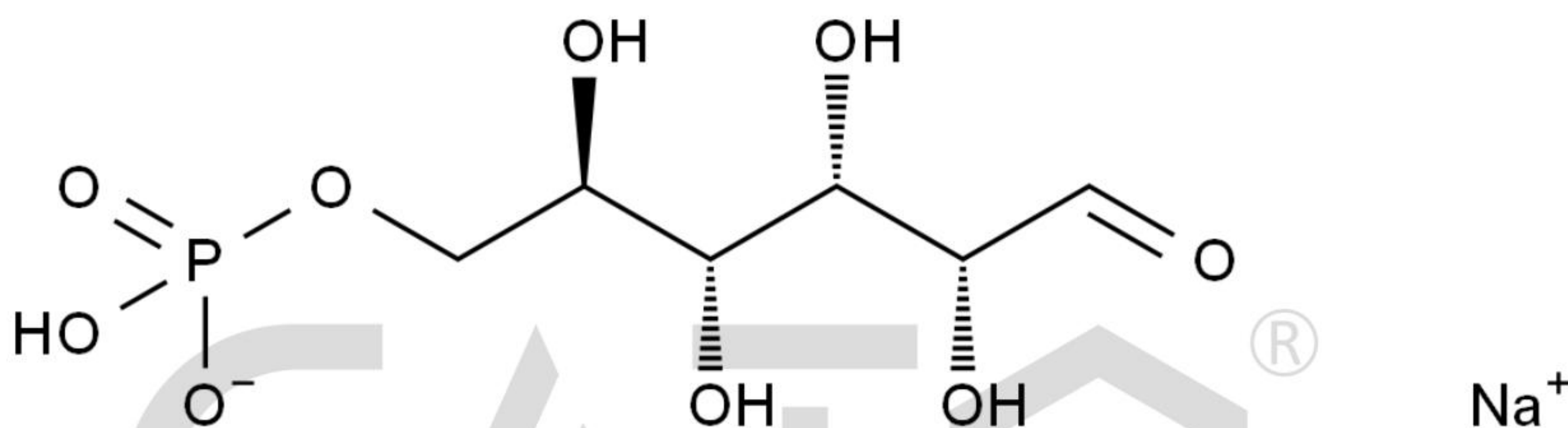


Certificate of Analysis

Reference Material & Standard

Product Name:	D-Glucose 6-phosphate Sodium Salt	Catalogue Number:	CCHM704273
Synonyms:	N/A	Lot Number:	0515-RG-0070
CAS Number:	54010-71-8	Expiry Date:	May 25, 2029
Molecular Formula:	C ₆ H ₁₂ O ₉ P Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	259.13 22.99		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.0%
Assay	qNMR	99.2%
Uncertainty		±0.2%

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: May 26, 2025

Date: May 26, 2025

Date: May 26, 2025

