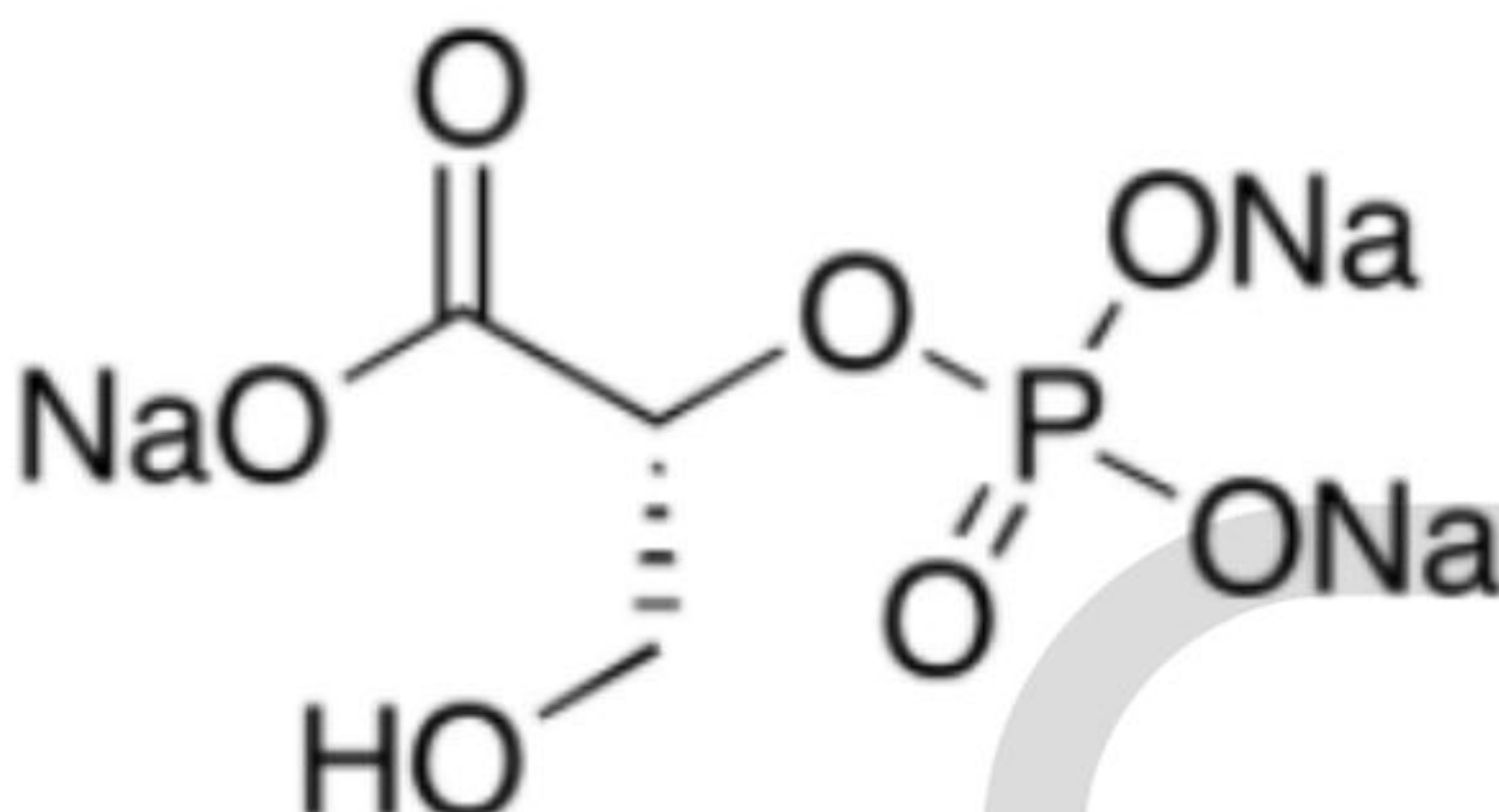


Certificate of Analysis

Reference Material & Standard

Product Name:	D-(+)-2-Phosphoglyceric Acid Sodium Hydrate	Catalogue Number:	CCHM705768
Synonyms:	N/A	Lot Number:	0921-RE-0047
CAS Number:	70195-25-4	Expiry Date:	Jul 12, 2027
Molecular Formula:	C ₃ H ₄ Na ₃ O ₇ P · xH ₂ O	Storage:	-20°C ± 5°C Protected from light and Sealed
Molecular Weight:	252.00 x(18.02)		
Chemical Structure:	 Warning:  xH₂O		

Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&PNMR&HNMR	Confirmed
Purity	NMR	90.0%
Uncertainty		±2.0%

Comment:

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

Approved by General Manager:

David

Date: Sep 22, 2023

Date: Sep 22, 2023

Date: Sep 22, 2023

