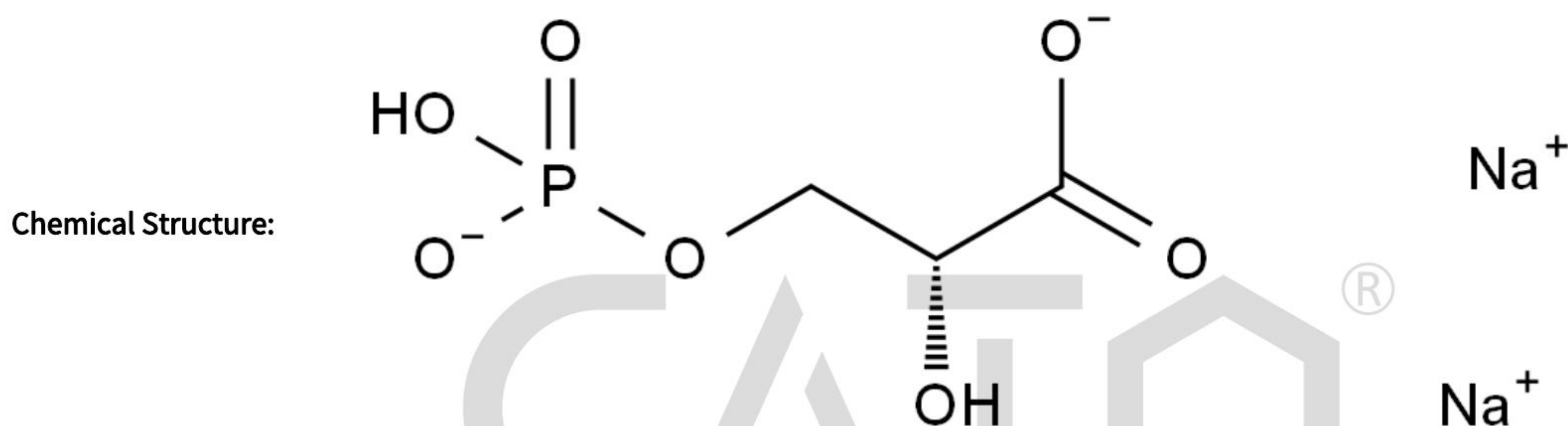


Certificate of Analysis

Reference Material

Product Name:	D-(-)-3-Phosphoglyceric Acid Disodium Salt	Catalogue Number:	CCHM704282
Chemical Name:	N/A	Lot Number:	0921-RE-0045
CAS Number:	80731-10-8	Expiry Date:	Sep 05, 2026
Molecular Formula:	C ₃ H ₅ O ₇ P 2*Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	184.04 2*22.99		



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&PNMR&HNMR	Confirmed
Purity	HPLC	95.6%
Uncertainty		±2.0%

Comment:

1. Sodium Content: 18.58% by Ion Chromatography.
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

Approved by General manager:

David

Date: Sep 06, 2022

Date: Sep 22, 2023

Date: Sep 22, 2023

