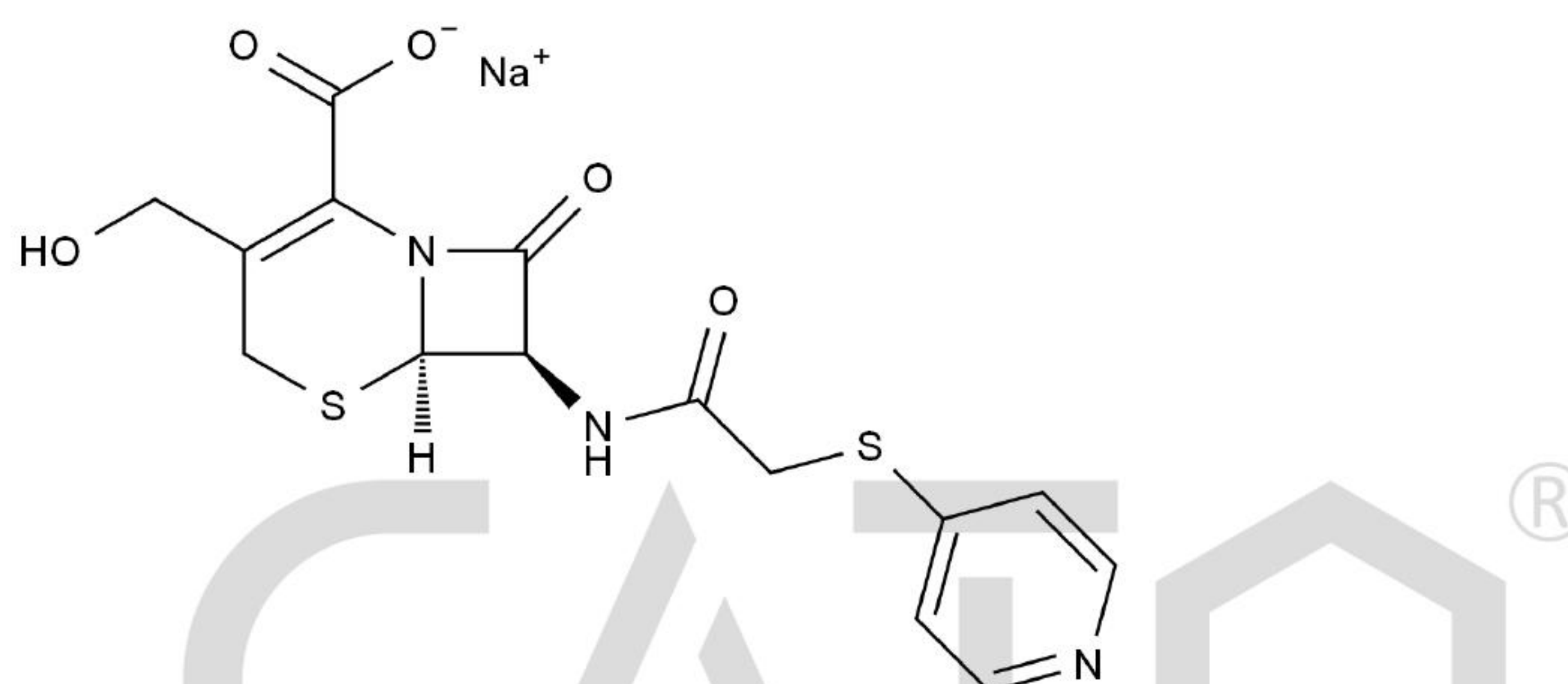


Certificate of Analysis

Reference Material

Product Name:	Desacetyl Cephapirin Sodium Salt	Catalogue Number:	C4X-22491
Chemical Name:	N/A	Lot Number:	0909-RD-0057
CAS Number:	104557-24-6	Expiry Date:	Jan 12, 2026
Molecular Formula:	C ₁₅ H ₁₄ N ₃ O ₅ S ₂ Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	380.42 22.99		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Brown to Light Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.26%
Water Content	Elemental Analysis	3.4%
Assay		94.9%

Comment:

1. Sodium Content: 5.64% by Ion Chromatography
2. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity HPLC (\%)} / 100\%$$
 Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hinlam

Reviewed by:

Xenia

Aproved by General manager:

David

Date: Jan 07, 2022

Date: Sep 15, 2022

Date: Sep 15, 2022

