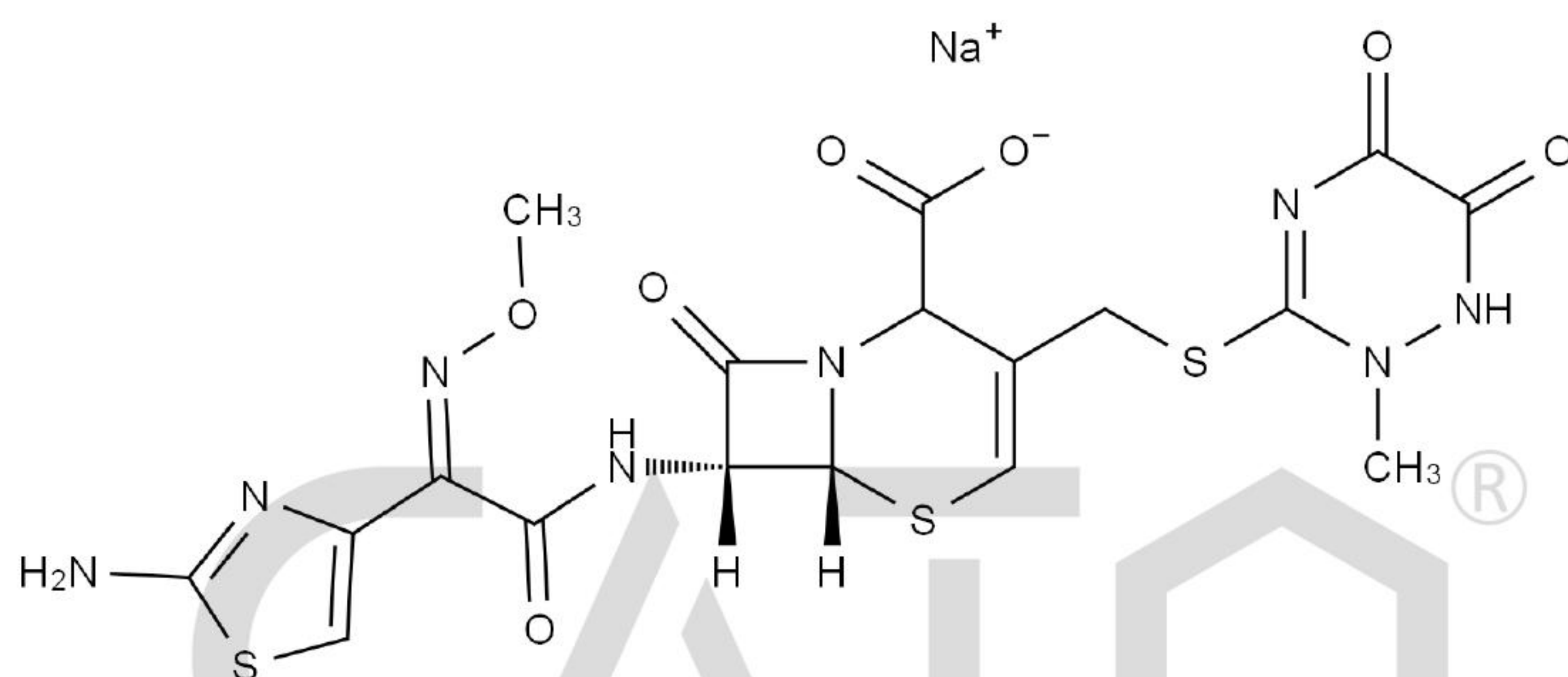


Certificate of Analysis

Reference Material

Product Name:	Ceftriaxone Impurity 13	Catalogue Number:	C4X-116313
Chemical Name:	N/A	Lot Number:	0610-RD-0005
CAS Number:	N/A	Expiry Date:	Jun 15, 2025
Molecular Formula:	C ₁₈ H ₁₇ N ₈ O ₇ S ₃ Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	553.57 22.99		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.316%
Loss On Drying	TGA	8.3837%
Residual Solvents	NMR	1.64% ethyl acetate
Assay		87.3%

Comment:

The calculation of the 100% method follows the formula:

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Debia

Reviewed by:

Hinlam

Aporoved by General manager

David

Date: Jun 16, 2022

Date: Jun 17, 2022

Date: Jun 17, 2022

