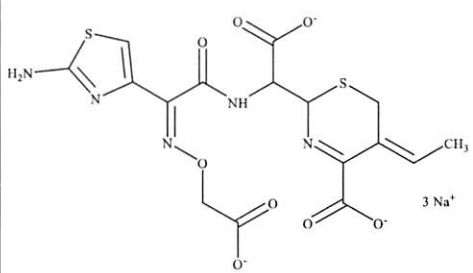


Certificate of Analysis


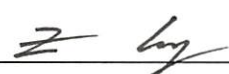
Certificate No.: 20260611007

Date: June 11, 2026

Retest date: June 3, 2027

Compound Name:	Cefixime Impurity 9 Trisodium Salt	
Synonyms:	(Z)-2-(((Z)-2-(2-aminothiazol-4-yl)-2-((carboxylatomethoxy)imino)acetamido)(carboxylato)methyl)-5-ethylidene-5,6-dihydro-2H-1,3-thiazine-4-carboxylate, sodium salt (1:3)	
TLC Catalogue Number:	C-9124	
CAS Number:	N/A	
Alternate CAS Number:	N/A	
Molecular Weight:	468.44 3*22.99	
Molecular Formula:	C ₁₆ H ₁₄ N ₅ O ₈ S ₂ . 3 Na	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7371-066A8	
Storage Conditions:	Store at -20 °C	
Solubility:	Water	

Test Description	Specifications	Results
Visual Description	Pale yellow solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	98.8%
Impurity (HPLC)	RT 1.39, 0.65%; RT 2.04, 0.19%; RT 3.93, 0.17%	
Residual Solvents (NMR)	No residual solvent	
Assay (qNMR)	Not less than 50.0%	54.2%
Recommendation:	Release. The compound is unstable under acidic conditions.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/11/2026
Approved by:	Quality Assurance		06/11/2026

Attachments: Peak Attribution Table, Assay Calculation, HPLC, IR, MS and NMR spectra.