Certificate Of Analysis

Analysis Date: 04-04-2025 **Re-test Date:** 04-04-2028

CEFOVECIN R-ISOMER

Identification

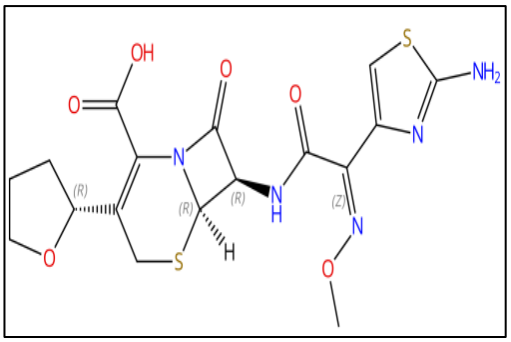
Chemical Name : (6R,7R)-7-((Z)-2-(2-aminothiazol-4-yl)-2-(methoxyimino)acetamido)-8-oxo-3-((R)-tetrahydrofuran-2-yl)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid

CAT No : ALL-CEF-9105

CAS No : 775549-10-5

Molecular Formula : C17H19N5O6S2

Molecular Weight : 453.5



Analytical Information

Batch Code	: ALL-CEF-9105	**HPLC Purity**	: 98.07%
Solubility	: METHANOL	**Potency**	: 96.05%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8^{0}C	**IR Analysis**	: Confirm
Weight Loss By TGA	: 0.816%	**1HNMR**	: Confirm
Residue Of Ignition	: 1.237%		

Additional Information

%Potency = [100 -(Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 – (0.816+ 1.237× 98.07]/100= 96.05%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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