Certificate Of Analysis

Analysis Date: 03-04-2025 **Re-test Date:** 03-04-2028

CEFODIZIME IMPURITY 1

Identification

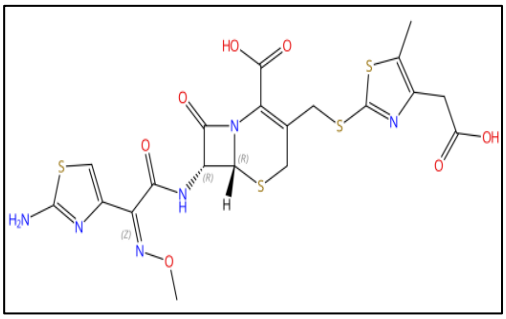
Chemical Name : (6R,7R)-7-((Z)-2-(2-Aminothiazol-4-yl)-2-(methoxyimino)acetamido)-3-(((4-(carboxymethyl)-5-methylthiazol-2-yl)thio)methyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid

CAT No : ALL-CEF-4114

CAS No : 111874-11-4

Molecular Formula : C20H20N6O7S4

Molecular Weight : 584.7



Analytical Information

Batch Code	: ALL-CEF-4114	**HPLC Purity**	: 98.02%
Solubility	: METHANOL	**Potency**	: 95.60%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8^{0}C	**IR Analysis**	: Confirm
Weight Loss By TGA	: 1.487%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.972%		

Additional Information

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

[100 – (1.487+ 0.972× 98.02]/100= 95.60%

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

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E),Mumbai, Maharashtra 421203