Certificate Of Analysis

Analysis Date: 29-04-2025 **Re-test Date:** 29-04-2028

CEFOZOPRAN

Identification

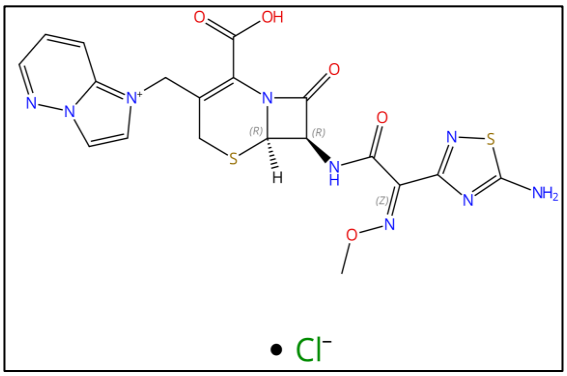
Chemical Name : 1-(((6R,7R)-7-((Z)-2-(5-amino-1,2,4-thiadiazol-3-yl)-2-(methoxyimino)acetamido)-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl)methyl)imidazo[1,2-b]pyridazin-1-ium chloride

CAT No : ALL-CEF-1445

CAS No : 113981-44-5

Molecular Formula : C19H18N9O5S2 : Cl

Molecular Weight : 516.5 : 36.5



Analytical Information

Batch Code	: ALL-CEF-1445	**HPLC Purity**	: 98.08%
Solubility	: MeOH: ACN	**Potency**	: 95.93%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 1.267%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.924%		

Additional Information

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

[100 – (1.267+0.924) × 98.08]/100 = 95.93 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse 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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