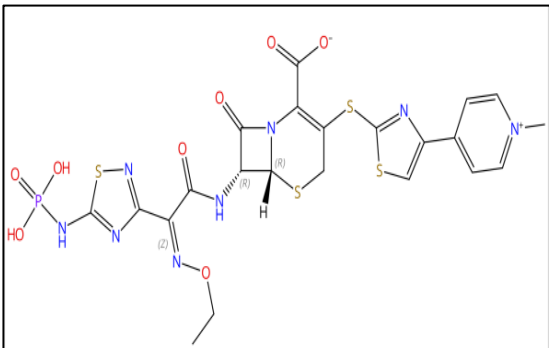


Analysis Date: 09-05-2025

Re-test Date: 09-05-2028

## CEFTAROLINE FOSAMIL

### Identification

<b>Chemical Name</b>	: (6R,7R)-7-((Z)-2-(Ethoxyimino)-2-(5-(phosphonoamino)-1,2,4-thiadiazol-3-yl)acetamido)-3-((4-(1-methylpyridin-1-ium-4-yl)thiazol-2-yl)thio)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate	
<b>CAT No</b>	: ALL-CEF-6733	
<b>CAS No</b>	: 229016-73-3	
<b>Molecular Formula</b>	: C <sub>22</sub> H <sub>21</sub> N <sub>8</sub> O <sub>8</sub> PS <sub>4</sub>	
<b>Molecular Weight</b>	: 684.7	

### Analytical Information

<b>Batch Code</b>	: ALL-CEF-6733	<b>HPLC Purity</b>	: 98.08%
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 96.36%
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 °C	<b>IR Analysis</b>	: Confirm
<b>Weight Content By TGA</b>	: 1.047%	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.627%		

### Additional Information

$$\% \text{Potency} = [100 - (\text{Inorganic Impurities \%} + \text{Water \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (1.047 + 0.627) \times 98.01] / 100 = 96.36 \%$$

**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, <sup>1</sup>H NMR, IR, TGA

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

#### Corporate Office