

## CERTIFICATE OF ANALYSIS

Product Name: Cefotaxime Sodium  
 CAS Number: 64485-93-4  
 Batch Number: 24/MFM/3136  
 Manufacturing Date: May 2024  
 Expiry Date: May 2027  
 Storage Conditions: 2 - 8°C  
 Specification: US Pharmacopeia

TESTS	SPECS	RESULTS
Appearance:	Crystalline Powder	Crystalline Powder
Colour:	White to off-white	Complies
Solubility:	Clear, colourless solution	Complies
Assay (HPLC, on dried basis)	916 – 964 µg/mg	956 µg/mg
Specific optional rotation	+58 to +64°	+61°
Loss on drying:	Max 3%	2.4%
pH:	4.5 – 6.5	5.4
Chromatographic purity		
- Any individual impurity	<= 1.0%	0.4%
- Sum of all impurities	<= 3.0%	1.5%
Bacterial endotoxins	< 0.050 EU/mg	Complies
Visible particles	Meets the requirements	Complies
Residual solvents	Meets the requirements	Complies

*This document was generated electronically and is therefore valid without signature.  
 Formedium Ltd products are supplied for Research Purposes only.*

11<sup>th</sup> November 2024