



Certificate of Analysis

Cefotaxime Sodium Salt USP

Catalog Number: CS1003
Lot Number: 0404801
CAS Number: 64485-93-4
Molecular Formula: $C_{16}H_{16}N_5NaO_7S_2$
Molecular Weight: 477.45
Storage: 2°C – 8°C
Date of Manufacture: December 26, 2017
Retest Date: December 25, 2020

Test	Specification	Result
Appearance	White to almost-white crystalline powder	Conforms
Assay (Anhydrous Basis)	916 – 964 µg/mg	948 µg/mg
Identification	To meet requirements	Conforms
Specific Rotation	+58° to +64°	+60.5°
pH	4.5 – 6.5	5.56
Clarity and Color of Solution	Clear $A(430nm) \leq 2.0$	Clear $A=0.14$
Chromatographic Purity		
Any Individual Impurity	$\leq 1.0\%$	0.39%
Total Impurities	$\leq 3.0\%$	1.58%
Moisture (LOD)	$\leq 3.0\%$	2.02%
Bacterial Endotoxins	≤ 0.20 EU/mg	< 0.20 EU/mg
Visible Particles	To meet requirements	Conforms
Particulate Matter		
≥ 10 µm	$\leq 6000/g$	Conforms
≥ 25 µm	$\leq 600/g$	Conforms
This lot meets the specifications for USP32.		

Approved by:

Date: April 4, 2018

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