

Certificate of Analysis

Date of Testing: 2023-12-08 14:06:57
Date of Next Testing: 2027-12-07 14:06:57
Product Name: **Carbenicillin disodium**
CAS Number: 4800-94-6
Specifications & Purity: USP grade
Lot #: L2306062
SKU #: **C113144**
Analysis: 126347
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
PH(2% in water, 25.0°C)	5.5-7.5	6.60
Water by Karl Fischer	0-6 (%)	2.60%
Assay(Anhydrous Basis)	89-100.5 (%)	94.60%
potency (dry basis)	≥770 (µg/mg)	855.00 µg/mg
Appearance (C113144)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless to faint yellow,clear(50 mg/mL, H2O)	pass	Pass



John Su
QA & QC Manager