

Certificate of Analysis

Date of Testing: 2024-08-12 15:55:39

Date of Next Testing: 2028-08-11 15:55:39

Product Name: **Carbenicillin disodium**

CAS Number: 4800-94-6

Specifications & Purity: USP grade

Lot #: H2409322

SKU #: **C113144**

Version: **0**

Analysis #: **394390**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
PH(2% in water, 25.0°C)	5.5-7.5	6.80
Water by Karl Fischer	0-6 (%)	2.90 %
Assay(Anhydrous Basis)	89-100.5 (%)	94.20 %
potency (dry basis)	≥770 (µg/mg)	847.00 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