

## Certificate of Analysis

Date of Testing: 2022-05-10 09:19:03

Date of Next Testing: 2026-05-09 09:19:03

Product Name: **Ampicillin Na**

CAS Number: 69-52-3

Specifications & Purity: USP grade

Lot #: E2205002

SKU #: **A105483**

**Analysis:** **090080**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	91-100.5 (%)	96.83900 %
Dichloromethane	0-0.2 (%)	0.05 %
Heavy metal (as Pb)	0-0.002 (%)	0.00 %
Bacterial endotoxins	0-0.15 (IU/ml OR u/ml)	0.06 IU/ml OR u/ml
PH	8-10	9.21
2-Ethylhexanoic acid	0-0.8 (%)	0.11 %
Specific Rotation [α] <sub>20</sub> /D(c=0.25 in Potassium biphthalate solu	258-287 (°)	268.93 °
N,N-Dimethylaniline	0-0.002 (%)	0.00 %
Water by Karl Fischer	0-2 (%)	2.00 %
potency (dry basis)	845-988 (mg/g)	882.63 mg/g
Appearance (A105483)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Appearance (solution)	passes test	transparent
Identification	pass	Pass
Related substances	Pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager