

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2025-12-01 15:53:22
Date of Next Testing:	2029-11-30 15:53:22
Product Name:	<b>Ampicillin Na</b>
CAS Number:	69-52-3
Specifications & Purity:	PharmPure™, USP
Lot #:	K2526597
SKU #	<b>A105483</b>
Version	<b>2</b>
<b>Analysis #:</b>	<b>576781</b>
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	91-100 (%)	98.77800 %
Dichloromethane	0-0.2 (%)	0.10000 %
Heavy metal (as Pb)	0-0.002 (%)	0.00000 %
pH	8-10	9.00000
2-Ethylhexanoic acid	0-0.8 (%)	0.40000 %
Specific Rotation [α] <sub>20</sub> /D(c=0.25 in Potassium biphthalate solu	258-287 (°)	275.87100 °
N,N-Dimethylaniline	0-0.002 (%)	0.00100 %
Water by Karl Fischer	0-2 (%)	1.45100 %
potency (dry basis)	845-988 (mg/g)	900.00000 mg/g
Bacterial endotoxins	0-0.15 (EU/mg)	0.04500 EU/mg
Appearance (A105483)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Appearance (solution)	passes test	Passes test
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". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager