

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-07 13:33:32

Date of Next Testing: 2029-04-06 13:33:32

Product Name: **Ampicillin Na**

CAS Number: 69-52-3

Specifications & Purity: PharmPure™, USP

Lot #: C2531231

SKU #: **A105483**

Version: **2**

Analysis #: **485975**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	91-100 (%)	99.19400 %
Dichloromethane	0-0.2 (%)	0.10500 %
Heavy metal (as Pb)	0-0.002 (%)	0.00000 %
pH	8-10	9.52600
2-Ethylhexanoic acid	0-0.8 (%)	0.15200 %
Specific Rotation [α] ₂₀ /D(c=0.25 in Potassium biphthalate solu	258-287 (°)	274.29300 °
N,N-Dimethylaniline	0-0.002 (%)	0.00010 %
Water by Karl Fischer	0-2 (%)	1.62990 %
potency (dry basis)	845-988 (mg/g)	915.23000 mg/g
Bacterial endotoxins	0-0.15 (EU/mg)	0.01000 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



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager