

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-24 16:56:54

Date of Next Testing: 2029-04-23 16:56:54

Product Name: **Ampicillin trihydrate**

CAS Number: 7177-48-2

Specifications & Purity: Moligand™, ≥96%

Lot #: D2515257

SKU #: **A102048**

Version: **2**

Analysis #: **473269**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	12-15 (%)	13.45570 %
Purity(HPLC)	96-100 (%)	100.00000 %
Specific Rotation	280-305 (°)	280.23000 °
[α] ₂₀ /D(c=0.5 in H ₂ O)		
Appearance (A102048)	White to Off-White to Orange to Green Powder to Crystal	White to off-white to Orange to Green powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager