

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-11 16:35:34
Date of Next Testing: 2027-07-11 16:35:34
Product Name: **Meropenem trihydrate**
CAS Number: 119478-56-7
Specifications & Purity: 98%
Lot #: I2122182
SKU #: **M166349**
Version: **0**
Analysis #: **385620**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	11.4-13.4 (%)	11.41%
Specific Rotation [α] ₂₀ /D(c=0.44 in H ₂ O)	-21--17 (°)	-17.16°
Purity(HPLC)	98-100 (%)	98.08400%
Appearance (M166349)	White to Yellow Solid	White to Yellow Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager