

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 #: I2122184
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