

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-07 09:18:17
Date of Next Testing: 2028-01-07 09:18:17
Product Name: **Meropenem trihydrate**
CAS Number: 119478-56-7
Specifications & Purity: $\geq 98\%$
Lot #: A2506255
SKU #: **M166349**
Version: **0**
Analysis #: **129418**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}/D(c=0.44 \text{ in H}_2\text{O})$	-21--17 ($^{\circ}$)	-17.11 $^{\circ}$
Purity(HPLC)	98-100 (%)	98.10700 %
Water by Karl Fischer	11.4-13.4 (%)	13.30 %
Appearance (M166349)	White to Yellow Solid	White to Yellow Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager