

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-21 14:16:33

Date of Next Testing: 2029-01-20 14:16:33

Product Name: **Meropenem trihydrate**

CAS Number: 119478-56-7

Specifications & Purity: $\geq 98\%$

Lot #: A2619027

SKU #: **M166349**

Version: **0**

Analysis #: **176202**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	11.4-13.4 (%)	12.69070 %
Purity(HPLC)	98-100 (%)	99.20000 %
Specific Rotation $[\alpha]_{20/D}(c=0.44 \text{ in H}_2\text{O})$	-21--17 ($^{\circ}$)	-17.39200 $^{\circ}$
Appearance (M166349)	White to Yellow Solid	White to Yellow Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager