

Certificate of Analysis

Date of Testing: 2022-11-17 17:01:14
Date of Next Testing: 2025-11-16 17:01:14
Product Name: **Meropenem trihydrate**
CAS Number: 119478-56-7
Specifications & Purity: 98%
Lot #: K2212289
SKU #: **M166349**
Analysis: 129418
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=0.44 in H ₂ O)	-21--17 (°)	-17.11°
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