

Certificate of Analysis

Date of Testing: 2024-10-31 17:06:41
Date of Next Testing: 2026-10-31 17:06:41
Product Name: **Imipenem monohydrate**
CAS Number: 74431-23-5
Specifications & Purity: $\geq 95\%$ (HPLC)
Lot #: J2429075
SKU #: **R134429**
Version: **0**
Analysis #: **429425**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	97.10500 %
Melting point	193-198 ($^{\circ}\text{C}$)	195.80000 $^{\circ}\text{C}$
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Clear(5mg/ml)	pass	Pass



John Su
QA & QC Manager