

Certificate of Analysis

Date of Testing: 2025-05-27 15:08:44
Date of Next Testing: 2027-05-27 15:08:44
Product Name: **Imipenem monohydrate**
CAS Number: 74431-23-5
Specifications & Purity: Moligand™, ≥95%(HPLC)
Lot #: E2522453
SKU #: **R134429**
Version: **0**
Analysis #: **511542**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.45100%
Melting point	193-198 (°C)	193.20000 °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