



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-207679
Lot Number: SAMPLE
Product Name: Faropenem Sodium Salt, Hemipentahydrate
CAS Number: 122547-49-3
Molecular Formula: $C_{12}H_{14}NO_5S \cdot Na \cdot 5/2H_2O$
Molecular Weight: 352.34

Test	Result
Appearance	Light yellow solid
Identification (1H -NMR)	Consistent with structure
Identification (Mass Spectrometry)	Consistent with structure
Purity (TLC)	98%
Atmosphere	Air
Melting Point	155 - 157 °C
Solubility	Methanol, Water
Specific Rotation	+130.7°
Sodium Content	7.1%
Water Content (KF)	13.8%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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