

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	38379
Lot Number	002197-210206
Product	Meropenem trihydrate (1R,5S,6S)-2-[(3S,5S)-5-(dimethylaminocarbonyl)pyrrolidin-3-
CAS Number	119478-56-7
Molecular Formula	C ₁₇ H ₂₅ N ₃ O ₅ S•3H ₂ O
Molecular Weight	437.51

Appearance	White crystalline powder
Water Content (Karl Fisher)	12.3%
pH	5.2
Optical Rotation	[α] _D ²⁰ = -19 °
Residual Solvents	Ethyl acetate : 0.003% Tetrahydrofuran : 0.1%
Bacterial Endotoxins	< 0.12 EU/mg
Related Substances	Impurity A : 0.08% Impurity B : 0.13% Maximum unspecified impurities : 0.18% Total impurities : 0.62%
Assay (anhydrous basis)	99.3%
Storage	Store at 2 - 8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager