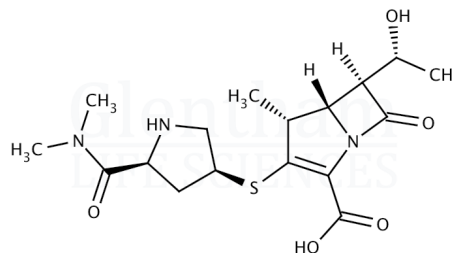


Certificate of Analysis

Product Name Meropenem trihydrate
Glentham Code GP7412
CAS Number 119478-56-7
MDL-Nummer MFCD08600005
Zusätzliche CAS 96036-03-2 (anhydr.)
PubChem SID 310276177
Batch Number 419DQW

Molecular Weight 437.51
Molecular Formula $C_{17}H_{25}N_3O_5S \cdot 3H_2O$
Storage Temp. -20°C



Property	Specification	Batch 419DQW
Physical Description	White, off-white or faint beige crystalline powder	Off-white crystalline powder
Solubility (2% in DMSO)	Clear, colourless to very faint yellow solution	Clear, very faint yellow solution
pH (1% in water)	4.0 - 6.5	5.3
Specific Optical Rotation ($[\alpha]_{20/D}$)	-16.0 - -22.0 ° (c=1, water)	-18.3°
Water	11.0 - 13.5 %	12.5%
Assay	≥ 98.0% (anhydrous basis)	98.7%

Specification Version v1.1
Manufacture Date 2023-11-10
Re-Test Date 2030-12-18

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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