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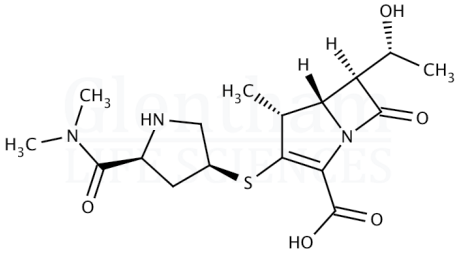
Certificate of Analysis

Product Name	Meropenem trihydrate
Glentham Code	GP7412
CAS Number	119478-56-7
Numéro MDL	MFCD08600005
CAS supplémentaire	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 ([α]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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