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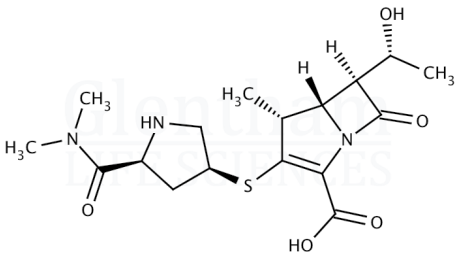
Product Specification

Product Name	Meropenem trihydrate, USP grade
Glentham Code	GP9211
CAS Number	119478-56-7
MDL-Nummer	MFCD08600005
Zusätzliche CAS	96036-03-2 (anhydr.)
Molecular Weight	437.51
Molecular Formula	$C_{17}H_{25}N_3O_5S \cdot 3H_2O$
Storage Temp.	-20°C



Property	Specification
Physical Description	White, off-white or faint beige crystalline powder
Identification	A, B according to USP
pH	4.0 - 6.0
Specific Optical Rotation ([α]20/D)	-17 - -21 °
Water	11.4 - 13.4 %
Residue on Ignition	≤ 0.1%
Heavy Metals	≤ 10ppm
Individual Impurities	≤ 0.3% (anhydrous basis)
Any Other Impurity	≤ 0.1% (anhydrous basis)
Total Other Impurities	≤ 0.3%
Acetone	≤ 0.05%
Assay (HPLC)	98.0 - 101.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.0
Date Created	-	2021-01-13

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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