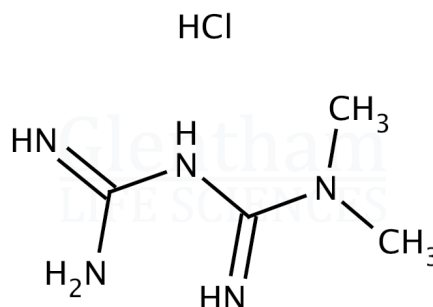


Product Specification

Product Name	Metformin hydrochloride, EP grade
Glentham Code	GP1221
CAS Number	1115-70-4
EINECS	214-230-6
MDL Number	MFCD00012582
Additional CAS	657-24-9
Molecular Weight	165.62
Molecular Formula	$C_4H_{11}N_5 \cdot HCl$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white crystals
Melting Point	222 - 226 °C
Identification (IR)	To conform to standard
Identification	To pass tests C, D, E
Solubility (10% in water)	Clear, colourless solution
Impurity F	≤ 0.05%
Impurity A	≤ 0.02%
Any Unspecified Impurity	≤ 0.05%
Total Impurities	≤ 0.2%
Heavy Metals	≤ 10ppm
Loss on Drying	≤ 0.5%
Sulphated Ash	≤ 0.1%
Assay	98.5 - 101.0 % (dried substance)
Pharmacopoeia Specification(s)	EP

Specification Version	- v1.0
Date Created	- 2018-10-08

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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