

Product Datasheet

GP1221 - Metformin hydrochloride,

EP grade

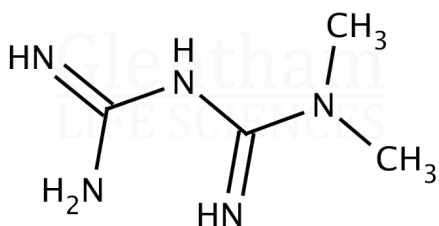
Product Details

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
Related Categories	APIs, Nucleosides & Nucleotides

Structure

Molecular Weight	: 165.62
Molecular Formula	: $C_4H_{11}N_5 \cdot HCl$

HCl



Precautionary Codes

P280, P261,
P305+P351+P338,
P301+P312

Pictograms



Glentham Product 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
Version	: v1.0

About Metformin hydrochloride, EP grade

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.	
CLP Classification	Skin Irr. 2, Acute Tox. 4, Eye Irr. 2A
Signal Word	Warning
Hazard Codes	H315, H312, H319

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