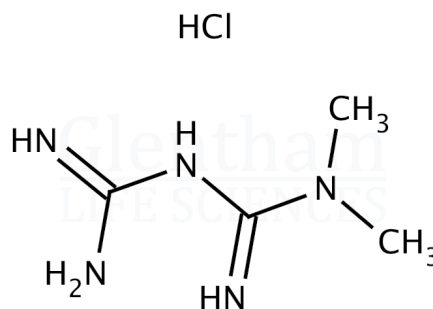


Certificate of Analysis

Product Name	Metformin hydrochloride
Glentham Code	GP2747
CAS Number	1115-70-4
EINECS	214-230-6
MDL Number	MFCD00012582
Additional CAS	657-24-9
PubChem SID	310276203
Batch Number	5130VP

Molecular Weight	165.62
Molecular Formula	$C_4H_{11}N_5 \cdot HCl$
Storage Temp.	+20°C



Property	Specification	Batch 5130VP
Physical Description	White or almost white crystalline powder	White crystalline powder
Solubility (5% in water)	Clear, colourless solution	Clear, colourless solution
Melting Point	220.00 - 226.0 °C	Conforms
Residue on Ignition	≤ 0.1%	0.04%
Assay (Titration)	98.0 - 102.0 % (dried basis)	99.8%

Specification Version	v1.1
Manufacture Date	2020-12-01
Re-Test Date	2029-03-29

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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