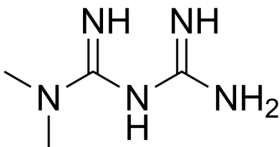


Certificate of Analysis

Product Name:	Metformin (hydrochloride)
Cat. No.:	CS-1851
CAS No.:	1115-70-4
Batch No.:	40882
Chemical Name:	Imidodicarbonimidic diamide, N,N-dimethyl-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₄ H ₁₂ N ₅
Molecular Weight:	165.62
Storage:	2-8°C, sealed storage, away from moisture
Chemical Structure:	

HCl

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.84%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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