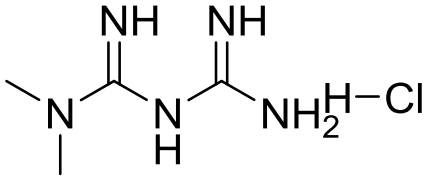




## Certificate of Analysis

<b>MedKoo Cat#:</b> 328609	<b>Product Name:</b> Metformin HCl	<b>Lot#:</b> B7B07C03
-------------------------------	---------------------------------------	--------------------------

Chemical name	
1,1-Dimethylbiguanide hydrochloride	
Synonyms	
Metformin Hydrochloride; ADX-155; EFB-0027; EX-404; La-6023; SMP-862; ADX 155; EFB 0027; EX 404; La 6023; SMP 862; ADX155; EFB0027; EX404; La6023; SMP862; Fortamet	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 328609 Name: Metformin HCl CAS#: 1115-70-4 (HCl) Lot#: B7B07C03 Chemical Formula: C <sub>4</sub> H <sub>12</sub> ClN <sub>5</sub> Molecular Weight: 165.62

Analysis item	Specifications / Results
<b>Appearance</b>	White to off-white solid powder
<b>Structure</b>	<sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
<b>Purity (HPLC)</b>	>98.0%
<b>Solubility</b>	Soluble in Water
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Shelf life</b>	At least 5 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**