

## SPECIFICATION

### Metformin Hydrochloride

Parameters	Specification
CAS Number	1115-70-4
Appearance	White to off-white crystalline powder
Molecular Formula	C <sub>4</sub> H <sub>12</sub> ClN <sub>5</sub>
Molecular Weight	165.63 g/mol
Boiling Point	290 °C
Melting Point	218 °C
Flash Point	190 °C
Purity	99–99%
Refractive Index	1.469
Solubility	Very soluble in water; soluble in methanol; practically insoluble in diethyl ether
Uses	Antidiabetic medication (biguanide); used to treat type 2 diabetes mellitus



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