



METFORMIN HYDROCHLORIDE



Metformin Hydrochloride is an anti-diabetic preparation. The main active ingredient is a biguanide that reduces glycemia and improves insulin action. Metformin lowers blood glucose (sugar) and is used for treating type II diabetes in adults and children. It may be used alone or in combination with other diabetic medications. Metformin also has been used to prevent the development of diabetes in people at risk for diabetes and to treat polycystic ovaries. The 10 year UKPDS Study of over 3,000 people with Type 2 diabetes found that those who were placed on metformin had a 36% decrease in overall mortality and a 39% decrease in heart attacks.

Chemical Formula	: C ₄ H ₁₁ N ₅ Cl H
Molecular Weight	: 165.63
CAS #	: 1115-70-4
Compliance	: BP, Ph Eur, IP
Regulatory Status	: Applied for COS of Metformin HCL in April 2005. DMF for Metformin Hydrochloride filed with US FDA in May 2005. Manufacturing is perfomed according to the current good manufacturing practice (cGMP) guidelines
Grades	: Crystals Micronized Powder (50 microns to 400 microns)
Standard Pack Size	s: 25kgs or 50kgs in HDPE drums, Fiber Board drums or Corrugated boxes
Shelf Life	 5 years when stored at room temperature in manufacturer's original packaging material.

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