

**PRODUCTO: METFORMIN HCL**

ITEMS	SPECIFICATIONS
<b>DESCRIPTION</b>	White or almost white crystalline powder
<b>SOLUBILITY</b>	Freely soluble in water, slightly soluble in alcohol, practically insoluble in acetone and in methylene chloride
<b>IDENTIFICATION</b> B) IR spectrum  E) Chloride test	It should be concordant with working standard  White precipitate is formed
<b>APPEARANCE OF SOLUTION</b>	Clear and colourless solution
<b>RELATED SUBSTANCES (BY HPLC)</b> ➤ Impurity A ➤ Individual unknown impurity	NMT 0.02% NMT 0.1%
<b>HEAVY METALS</b>	NMT 10 ppm
<b>LOSS ON DRYING</b>	NMT 0.5%
<b>SULPHATED ASH</b>	NMT 0.1%, determined on 1.0g
<b>ASSAY (BY TITRATION)</b> (on dried substance)	98.5% ~ 101.0%
<b>PARTICLE SIZE</b>	100% pass through 40 mesh