

**PRODUCT: IMATINIB MESYLATE**

ITEMS	SPECIFICATIONS
<b>APPEARANCE</b>	White to off-white crystalline or pale yellow powder
<b>SOLUBILITY</b>	Soluble in water and methanol
<b>IDENTIFICATION</b> a) IR b) HPLC  c) <b>Chemical identification</b>	Conforms to reference spectrum The principal peak in the chromatogram obtained with the test solution is similar in retention time to the principal peak in the chromatogram obtained with reference solution Positive reaction
<b>MELTING POINT</b>	224.0°C ~ 229.0°C
<b>RELATED SUBSTANCES (HPLC)</b> ➤ Any single impurities ➤ Total impurities	≤0.10% ≤0.50%
<b>LOSS ON DRYING</b>	≤0.5%
<b>RESIDUE ON IGNITION</b>	≤0.10%
<b>HEAVY METALS</b>	≤20 ppm
<b>RESIDUAL SOLVENTS</b> a) Ethanol b) Acetone c) Methanol d) Pyridine	≤5000 ppm ≤5000 ppm ≤3000 ppm ≤200 ppm
<b>ASSAY OF METHANESULFONIC ACID</b>	15.0% ~ 17.0%
<b>ASSAY (HPLC) (on dry substance)</b>	98.0% ~ 102.0%