

**PRODUCT: PYRILAMINE MALEATE**

ITEMS	SPECIFICATIONS
<b>DESCRIPTION</b>	White crystalline powder, usually having a faint odour
<b>SOLUBILITY</b>	Very soluble in water, freely soluble in alcohol and in chloroform, slightly soluble in ether and in benzene
<b>IDENTIFICATION</b> a) <b>IR spectrum</b>  b) <b>UV absorbance</b>	IR spectrum shall match the IR of reference standard Absorptivities at 236nm and 312nm, calculated on dried basis, do not differ more than 3.0%
<b>MELTING RANGE</b>	99°C ~ 103°C
<b>LOSS ON DRYING</b>	NMT 0.5%
<b>RESIDUE ON IGNITION</b>	NMT 0.1%
<b>RELATED COMPOUNDS (By TLC)</b> ➤ <b>Single impurity</b> ➤ <b>Total impurity</b>	NMT 0.5% NMT 1.0%
<b>RELATED COMPOUNDS (By HPLC)</b> ➤ <b>Any individual impurity</b> ➤ <b>Total impurities</b>	NMT 0.3% NMT 1.0%
<b>RESIDUE SOLVENTS (By GC)</b> a) <b>Methanol</b> b) <b>Acetone</b> c) <b>Toluene</b>	NMT 3000 ppm NMT 5000 ppm NMT 890 ppm
<b>ASSAY (on dried substance)</b>	98.0% ~ 100.5%