

**PRODUCT: PHENYLEPHRINE HYDROCHLORIDE**

ITEMS	SPECIFICATIONS
<b>DESCRIPTION</b>	White or practically white crystals
<b>SOLUBILITY</b>	Freely soluble in water and in alcohol
<b>IDENTIFICATION</b> a) <b>IR</b>  b) <b>Chloride</b>	IR spectrum of the test sample should be concordant with IR spectrum of phenylephrine hydrochloride working standard  Produce white, curdy precipitate which is insoluble in nitric acid and soluble in slightly excess of 6 N ammonium hydroxide
<b>MELTING RANGE</b>	140.0°C ~ 145.0°C
<b>SPECIFIC OPTICAL ROTATION</b>	-42°C ~ -47.5°C
<b>LOSS ON DRYING AT 105°C (for 2 hours)</b>	NMT 1.0% w/w
<b>RESIDUE ON IGNITION</b>	NMT 0.2% w/w
<b>SULPHATES</b>	NMT 0.20%
<b>LIMITS OF KETONES</b>	The colour of the test solution is not deeper than the colour of the standard solution
<b>RELATED SUBSTANCES</b> ➤ <b>Single impurity</b> ➤ <b>Total impurities</b>	NMT 0.5% NMT 1.0%
<b>CHLORIDE CONTENT</b>	17.0%~17.7% w/w
<b>ASSAY ( on dry basis)</b>	97.5%~102.5% w/w