

PRODUCT: EPHEDRINE HYDROCHLORIDE BP-PHEUR.

ITEMS	SPECIFICATIONS
CHARACTERISTICS	White or almost white crystalline powder or colourless crystals
SOLUBILITY	Freely soluble in water and soluble in ethanol 96%
IDENTIFICATION a) Specific rotation b) IR c) Chlorides	-33.5° ~ -35.5° IR Absorption spectrum must be concordant with reference spectrum of Ephedrine HCl The solution gives reaction of chlorides
MELTING POINT	About 219.0°C
APPEARANCE OF SOLUTION	Must be clear and colourless
ACIDITY OR ALKALINITY	With 0.2 ml of 0.01M NaOH, solution must turn yellow and with 0.4 ml of 0.01M HCl solution must turn red
SPECIFIC ROTATION (dried substance) (5% solution in water at 20°C)	-33.50° ~ -35.50°
RELATED SUBSTANCES (BY HPLC) ➤ Impurity A: (-)-(1R)-1-hydroxy-1-phenylpropan-2-one ➤ Other impurities • Impurity B- Pseudoephedrine • Individual unspecified impurity ➤ Total impurities other than A	NMT 0.2% w/w NMT 0.1% w/w NMT 0.1% w/w NMT 0.5% w/w
SULPHATES	100 ppm max
LOSS ON DRYING (At 105°C to constant weight)	NMT 0.50% w/w
SULPHATED ASH	NMT 0.10% w/w
ASSAY	99.00% ~ 101.00% w/w