
STANDARD TESTING SPECIFICATIONS

NOSCAPINE USP

1.	Characters Appearance Solubility	:	White or almost white, crystalline powder or colourless crystals. Practically insoluble in water, soluble in acetone, slightly soluble in alcohol It dissolves in strong acids; on dilution of the solution with water, the base may be precipitated.
2.	Identification	:	A. Infrared Absorption B. Ultraviolet Absorption C. Complies
3.	Melting Range	:	Between 174° and 176°
4.	Specific Optical rotation (dried substances)	:	+42° to +48°
5.	Water	:	Not more than 1.0%
6.	Residue on ignition	:	Not more than 0.1%.
7.	Chloride	:	A 700-mg portion shows no more chloride than corresponds to 0.20 mL of 0.020 N hydrochloric acid (0.02%).
8.	Limit of morphine	:	No blue or dark green color develops within 1 minute.
9.	Assay (anhydrous basis)	:	Not less than 99.0 per cent Not more than 100.5
10.	Residual Solvents Methanol Acetone Methylene chloride CHCl ₃ Trichloroethylene Toluene	:	Not more than 3000 ppm Not more than 5000 ppm Not more than 600 ppm Not more than 60 ppm Not more than 80 ppm Not more than 890 ppm