
STANDARD TESTING SPECIFICATIONS

**NOSCAPINE HYDROCHLORIDE
EP**

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| 1. | CHARACTERS Appearance Solubility Melting Point | : : : | White or almost white, crystalline powder or colourless crystals, hygroscopic. Freely soluble in water and in alcohol. Aqueous solutions are faintly acid; the base may be precipitated when the solutions are allowed to stand. About 200° C, with decomposition. |
| 2. | IDENTIFICATION | : | A. Specific Optical rotation. B. Melting point 174°C to 177°C C. Infrared absorption spectrophotometry D. Thin-Layer chromatography E. ppt obtained which complies with B & C |
| 3. | Appearance of solution | : | To meet the test |
| 4. | pH | : | Not less than 3.0 |
| 5. | Specific Optical rotation (dried substances). | : | -38.5° to +44.0° |
| 6. | Related substances | : | By Liquid chromatography. |
| 7. | Loss on drying | : | 2.5 % to 6.5 % |
| 8. | Sulphated ash | : | Not more than 0.1 % |
| 9. | Assay (dried substance). | : | 99.0 % to 101.0 % |