
STANDARD TESTING SPECIFICATIONS

QUININE BISULPHATE BP

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| 1. | Description | : | Colourless crystals or a white crystalline powder, efflorescent in dry air. |
| 2. | Solubility | : | Freely soluble in water, sparingly soluble in ethanol (96 %) |
| 3. | Identification | : | A: By Thin-Layer chromatography B: Test for Acidity C: Gives reaction of sulphates |
| 4. | Acidity pH of 1% w/v solution | : | 2.8 to 3.4 |
| 5. | Specific Optical Rotation (anhydrous basis) | : | -208 to -216 |
| 6. | Other Cinchona Alkaloids | : | By Liquid Chromatography |
| 7. | Sulphated Ash | : | Not more than 0.1% |
| 8. | Water | : | 19.0% to 25.0% |
| 9. | Titrateable Cation | : | 75.3% to 79.6% |
| 10. | Assay | : | Not less than 98.5% Not more than 101.5% |