



Specification

Spectinomycin Dihydrochloride Pentahydrate

CAS Number: 22189-32-8
Molecular Formula: C₁₄H₂₄N₂O₇ • 2HCl • 5H₂O
Molecular Weight: 495.3
Storage: 2-8°C

| Test | Specification |
|-------------------------|----------------------------------------------------|
| Appearance: | White or almost white, Slightly hygroscopic powder |
| Identification: | Pass Test |
| pH @25 °C: | 3.8 - 5.6 |
| Potency: | ≥ 603 IU/mg |
| Residue after Ignition: | ≤ 1.0 % |
| Solubility: | Clear and colorless to light yellow |
| Specific Rotation: | +15 - +21 ° |
| Water (KF): | 16.0 - 20.0 % |

Approved:

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