



Specification

Ampicillin Trihydrate

CAS Number: 7177-48-2
Molecular Formula: C₁₆H₁₉N₃O₄S • 3H₂O
Molecular Weight: 403.46
Storage: 2-8°C

Test	Specification
Appearance:	White Crystalline Powder
Crystallinity:	Pass Test
Dimethylaniline :	Pass Test
Identification:	Pass Test
pH (1% Solution):	3.5 - 6.0
Potency:	900 - 1050 µg/mg
Residual Solvents:	Meets the requirements
Specific Optical Rotation:	+280 - +305 °
Water (KF):	12.0 - 15.0 %

Approved:

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