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Specification

Technical Data Sheet

Product Name	Ampicillin trihydrate
Product No	14575910
CAS Number	7177-48-2
Storage Temperature	2 to 8 °C
Molecular Weight	403.45
	Specification
Water	<15%
Specific rotation	+280 to +305
Heavy metals	<20ppm
pH	3.5 - 5.5
Acetone	<0.5%
Assay	96 - 102%
Residue on Ignition	<0.5%
N,N-dimethylaniline	<20ppm
Total Impurities	<3.0%
Appearance	White crystalline powder
Maximum Impurity	<1.0%