

Specification

Technical Data Sheet

Product Name	Amoxicillin trihydrate
Product No	35061441
CAS Number	61336-70-7
Storage Temperature	2 to 8 °C
Molecular Weight	419.45
	Specification
Appearance	White to off-white crystalline powder
Single Impurity	≤ 1.0%
Water	12.0 - 15.0%
Assay	≥ 95.0% (Calculated as amoxicillin on the anhydrous substance)
Optical Rotation	290 - 316°
Residue on Ignition	≤ 1.0%

Specification

Total Impurities $\leq 3.0\%$

Amoxicillin Polymer $\leq 0.15\%$

Identification (IR) Conforms to Reference

Isopropyl Alcohol $\leq 0.5\%$

Methylene chloride $\leq 0.12\%$
