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## Specification Sheet

Product Name: **Penicillic acid**  
Specifications & Purity: **≥98% (HPLC)**  
SKU #: **P137904**

Parameter	Limit Values
Purity(HPLC)	98-100 (%)
Purity(TLC,ETOAc: Toluene: HCOOH 6 : 3 : 1)	99-100 (%)
Melting point	83-87 (°C)
Water by Karl Fischer	0-2 (%)
Carbon by Elemental Analysis	54.9-56.9 (%)
Purity(TLC,RP C18, MeOH : H2O 9 : 1)	99-100 (%)
Appearance (P137904)	White or light yellow powder
Proton NMR spectrum	Conforms to Structure
Solubility in CH <sub>2</sub> CL <sub>2</sub> , Colorless ,Clear ,10mg/ml	pass
Solubility in H <sub>2</sub> O , Colorless,Clear,4.90 - 5.10 mg/ml	pass

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