

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Penicillic acid**
Specifications & Purity: $\geq 98\%$ (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 ₂ CL ₂ , Colorless ,Clear ,10mg/ml	pass
Solubility in H ₂ O , Colorless,Clear,4.90 - 5.10 mg/ml	pass