

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-27 17:36:28
 Date of Next Testing: 2030-04-26 17:36:28
 Product Name: **Penicillic acid**
 CAS Number: 90-65-3
 Specifications & Purity: Moligand™, ≥98%
 Lot #: D2621499
 SKU #: **P137904**
 Version: **0**
 Analysis #: **683703**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.40000 %
Melting point	83-87 (°C)	83.06000 °C
Water by Karl Fischer	0-2 (%)	1.20000 %
Carbon by Elemental Analysis	54.9-56.9 (%)	55.20000 %
Purity(TLC, ETOAc: Toluene: HCOOH 6 : 3 : 1)	99-100 (%)	99.02000 %
Purity(TLC, RP C18, MeOH : H2O 9 : 1)	99-100 (%)	99.05000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (P137904)	White to off-white to light yellow powder or thin film	White to off-white to light yellow powder or thin film
Solubility in CH2CL2 , Colorless , Clear , 10mg/ml	pass	Pass
Solubility in H2O , Colorless, Clear, 4.90 - 5.10 mg/ml	pass	Pass



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager