

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-08 16:51:29

Date of Next Testing: 2024-07-07 16:51:29

Product Name: **Probenecid**

CAS Number: 57-66-9

Specifications & Purity: $\geq 98\%$

Lot #: I2004153

SKU #: **P129440****Analysis: 110531**Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	198-202 ($^{\circ}\text{C}$)	200.26000 $^{\circ}\text{C}$
Purity(HPLC)	98-100 (%)	99.36000 %
Purity(Neutralization titration)	98-100 (%)	98.03 %
Appearance (P129440)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M NaOH , Colorless Clear at 100 mg/ml	pass	Pass

John Su
QA & QC Manager