

Certificate of Analysis

Date of Testing: 2024-07-19 10:46:26
Date of Next Testing: 2026-07-19 10:46:26
Product Name: **Probenecid**
CAS Number: 57-66-9
Specifications & Purity: $\geq 98\%$
Lot #: G2412029
SKU #: **P129440**
Version: **0**
Analysis #: **391032**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	198-202 ($^{\circ}\text{C}$)	199.50000 $^{\circ}\text{C}$
Purity(HPLC)	98-100 (%)	99.70000 %
Purity(Neutralization titration)	98-100 (%)	98.60 %
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